Set	Items	Description
S1	68	AU=(BURRELL, J? OR BURRELL J? OR JEFFERY(2N)BURRELL)
S2	5	AU=(HYMEL, C? OR HYMEL C? OR CHRISTOPHER(2N)HYMEL)
S3	22	AU=(EWING, A? OR EWING A? OR ANDY(2N)EWING)
S4	0	AU=(MENKHAUS, S? OR MENKHAUS S? OR SUSAN(2N)MENKHAUS)
S5	2	AU=(BRECHTEL, C? OR BRECHTEL C? OR CAROL(2N)BRECHTEL)
S6	0	S1 AND S2 AND S3 AND S5
S7	0	S1 AND S3
S8	96	S1 OR S2 OR S3 OR S5
S9	6	S8 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S10	6	IDPAT (sorted in duplicate/non-duplicate order)
S11	6	IDPAT (primary/non-duplicate records only)

File 350:Derwent WPIX 1963-2006/UD=200722
        (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
        (c) 2007 JPO & JAPIO
File 348:EUROPEAN PATENTS 1978-2007/ 200708
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
        (c) 2007 WIPO/Thomson

11/5/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.   .

0016212491 - Drawing available
WPI ACC NO: 2006-744134/200676
XRPX Acc No: N2006-577627
**Outside plant construction management system for use in company, has
billing and reporting application sending variations if billings vary from
billing expectation of system, and preparing invoice based on approval of
supervisor**
Patent Assignee: BELLSOUTH INTELLECTUAL PROPERTY CORP (BELL-N)
Inventor: **BRECHTEL C A** ; COCHRAN R M; DEATON G W; SEAL W M; SMALL T L
Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
US 7117162	B1	20061003	US 199758504	P	19970911	200676	B
			US 199758570	P	19970911		
			US 199758571	P	19970911		
			US 199758572	P	19970911		
			US 199758579	P	19970911		
			US 199758580	P	19970911		
			US 199758581	P	19970911		
			US 199758582	P	19970911		
			US 199758641	P	19970911		
			US 199758657	P	19970911		
			US 199758658	P	19970911		
			US 1998151666	A	19980911		

Priority Applications (no., kind, date): US 199758504   P 19970911; US
  199758570   P   19970911; US 199758571   P   19970911; US 199758572   P
  19970911; US 199758579   P 19970911; US 199758580   P 19970911; US
  199758581   P   19970911; US 199758582   P 19970911; US 199758641   P
  19970911; US 199758657   P 19970911; US 199758658   P 19970911; US
  1998151666 A 19980911

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes		
US 7117162	B1	EN	045	208	Related to Provisional	US 199758504	
					Related to Provisional	US 199758570	
					Related to Provisional	US 199758571	
					Related to Provisional	US 199758572	
					Related to Provisional	US 199758579	
					Related to Provisional	US 199758580	
					Related to Provisional	US 199758581	
					Related to Provisional	US 199758582	
					Related to Provisional	US 199758641	
					Related to Provisional	US 199758657	
					Related to Provisional	US 199758658	

Alerting Abstract US B1
  NOVELTY - The system has a bid and award application for generating bid
packages for a job. A job entry application defines task within the job and
determines whether the task is accomplished by a contractor. An interface
includes a billing and reporting application for receiving input from the
contractor to complete the task and billings. The billing and reporting
application sends the variations if the billings vary from a billing
expectation of the system, to a supervisor for approval, and prepares an
invoice for payment based on the approval of the supervisor.
  DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for

facilitating managing a job.
   USE - Used for managing a job, managing outside plant construction
contracts and for managing labor and materials within a company.
   ADVANTAGE - The reporting application prepares the invoice for payment
based on the approval of the supervisor, without causing delays. The
outside plant construction management (OSPCM) system eliminates the need
for much of the paperwork and clerical work, thereby reducing workload and
overhead in the OSPCM.
   DESCRIPTION OF DRAWINGS - The drawing shows an overall process flow in an
outside plant construction management system for managing a job.

Title Terms/Index Terms/Additional Words: PLANT; CONSTRUCTION; MANAGEMENT;
   SYSTEM; COMPANY; BILL; REPORT; APPLY; SEND; VARIATION; VARY; EXPECTANCY;
   PREPARATION; INVOICING; BASED; APPROVE; SUPERVISION

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
   G06Q-0099/00   A   I   F   B   20060101
US Classification, Issued: 705009000, 705008000, 705026000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2E

   11/5/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0014621568 - Drawing available
WPI ACC NO: 2004-803556/200479
XRPX Acc No: N2004-633416
**Computer readable medium is stored with inventory reconciliation program
which when executed compares previous and current inventory to determine
whether retirement of item in inventory is valid**
Patent Assignee: BRECHTEL C (BREC-I); BURRELL J O (BURR-I); SHICK B
   (SHIC-I)
Inventor: **BRECHTEL C ; BURRELL J O** ; SHICK B
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date   Number   Kind   Date   Update
US 20040215519   A1   20041028 US 2003424884   A   20030428 200479   B

Priority Applications (no., kind, date): US 2003424884 A   20030428

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 20040215519   A1   EN   20   7

   Alerting Abstract US A1
   NOVELTY - The inventory reconciliation program is executed to retrieve
previous and current inventories from a central office (200) and determine
whether the two inventories match. The system accepts the record if they
match else the records are analyzed to determine if retirement of item in
inventory is valid.
   DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

   1.inventory reconciliation system; and

2.method of reconciling inventory.

   USE - For inventory reconciliation.
   ADVANTAGE - Due to retirement and reverse retirement processing, number
of records marked field representation and percent of records marked field
representation can be updated automatically by the system.
   DESCRIPTION OF DRAWINGS - The figure shows a block diagram of the
inventory reconciliation system.
   200 central office
   205 computer card
   215 handheld scanner
   225 base station
   230 storage device
   235 main frame
Title Terms/Index Terms/Additional Words: COMPUTER; READ; MEDIUM; STORAGE;
   INVENTORY; PROGRAM; EXECUTE; COMPARE; CURRENT; DETERMINE; ITEM; VALID

Class Codes
International Classification (Main): **G06F-017/60**
US Classification, Issued: 705015000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2B; T01-S03

   11/5/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0013567320 - Drawing available
WPI ACC NO: 2003-661622/200362
Related WPI Acc No: 2001-432412; 2003-634721; 2003-661621
XRPX Acc No: N2003-527898
**Securities trading method used by electronic equity market, involves
matching entered order at server system against market interest prioritized
according to ECNs that charge or do not quote access fees**
Patent Assignee: DENAT M (DENA-I); EWING A (EWIN-I); FOLKEMER C (FOLK-I)
   ; FURBUSH D (FURB-I); KETCHUM R G (KETC-I); MALITZIS J (MALI-I); MOORE
   D F (MOOR-I); NUNES A (NUNE-I); PETERSON K (PETE-I); RANDICH S J
   (RAND-I)
Inventor: DENAT M; **EWING A** ; FOLKEMER C; FURBUSH D; KETCHUM R G; MALITZIS
   J; MOORE D F; NUNES A; PETERSON K; RANDICH S J
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date   Number   Kind   Date   Update
US 20030126066   A1   20030703   US 1999401872   A   19990923 200362 B
                                US 2002274287   A   20021018

Priority Applications (no., kind, date): US 1999401872 A 19990923; US
   2002274287 A 20021018

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 20030126066   A1   EN   33   9 C-I-P of application US 1999401872

   Alerting Abstract US A1
   NOVELTY - The method involves matching an entered order at a server
system against interest in the electronic market (10), in which the market
interests are prioritized according to: displayed quotes/orders of market

makers, electronic communication networks (ECNs) that do not charge
separate quote access fee, and non-attributable agency orders of UTP
(unlisted trading privileges) Exchanges.
    DESCRIPTION - The entered order are also matched with displayed
quotes/orders of ECNs that charge separate quote access fee, in which the
quotes/orders or the ECNs that charge separate quote access fees are ranked
by the amount of the quote access fees. The order is entered at a client
station (12) for executing against any market participant that can at least
in part satisfy the order. An INDEPENDENT CLAIM is also included for a
computer program.
    USE - Used by electronic equity market e.g. Nasdaq Stock Market.
    ADVANTAGE - Allows control of market participants over sequence that
entered orders are matched against quote-access fee charging ECNs. Allows
market participant to prevent orders from being matched against ECNs that
they consider to charge excessive quote-access fees.
    DESCRIPTION OF DRAWINGS - The figure shows the block diagram of the
securities trading system.
    10 Electronic market
    12 Client station

Title Terms/Index Terms/Additional Words: SECURE; TRADE; METHOD; ELECTRONIC
  ; MARKET; MATCH; ENTER; ORDER; SERVE; SYSTEM; INTEREST; ACCORD; CHARGE;
  ACCESS; FEE

Class Codes
International Classification (Main): **G06F-017/60**
US Classification, Issued: 705037000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2F; T01-N01A2F; T01-S03

   11/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0012997391
WPI ACC NO: 2003-075345/200307
XRPX Acc No: N2003-058384
**Computer-implementable process for evaluating financial plan, involves
using variables representing arrays that contain list of assets and list of
investment vehicles, respectively**
Patent Assignee: EVERTS W (EVER-I); EWING A A (EWIN-I)
Inventor: EVERTS W; **EWING A A**
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind Date   Number   Kind   Date   Update
US 20020161682   A1   20021031 US 2001793450   A   20010227   200307 B

Priority Applications (no., kind, date): US 2001793450 A 20010227

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
US 20020161682 A1   EN   4   0

   Alerting Abstract US A1
   NOVELTY - Two arrays represented by corresponding variables contain a
list of assets and a list of investment vehicles respectively, and are
ordered according to respective ordering criteria. A different variable

represents a financial goal for a future time.
  USE - Computer-implementable process for evaluating financial plan.
  ADVANTAGE - Since assets are classified according to defined investment
vehicle criteria, the lower yield and tax benefit investments are depleted
before, and the higher yield financial vehicles providing the greatest
benefit are depleted only after classes of assets are empty or insufficient
to accomplish the desired financial goal.

Title Terms/Index Terms/Additional Words: COMPUTER; PROCESS; EVALUATE;
   FINANCIAL; PLAN; VARIABLE; REPRESENT; ARRAY; CONTAIN; LIST; INVESTMENT;
   VEHICLE; RESPECTIVE

Class Codes
International Classification (Main): **G06F-017/60**
US Classification, Issued: 705036000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A1; T01-J05A2C; T01-J05A2F; T01-S02

11/5/5   (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0012678534 - Drawing available
WPI ACC NO: 2002-528908/200256
XRPX Acc No: N2002-418846
**Computer-based method for matching of dealer orders with manufacturing
plant output for use in vehicle manufacturing, uses an automated linear
expression calculation for determining and balancing vehicle allocation**
Patent Assignee: ADAIR D B (ADAI-I); BURRELL J V (BURR-I); CHAO C
   (CHAO-I); GUPTA M K (GUPT-I); HIROTA M (HIRO-I); HONDA NORTH AMERICA
   INC (HOND); JAILLET P (JAIL-I); JAIN L (JAIN-I); KEALOHA J (KEAL-I);
   KITA R K (KITA-I); MAI Q N (MAIQ-I); NIEMEYER D (NIEM-I); SAMAL N N
   (SAMA-I); WANG C (WANG-I); WANG F F (WANG-I); WHOBREY A L (WHOB-I)
Inventor: ADAIR D B; **BURRELL J V** ; CHAO C; GUPTA M K; HIROTA M; JAILLET P;
   JAIN L; KEALOHA J; KITA R K; MAI Q N; NIEMEYER D; SAMAL N N; WANG C; WANG
   F F; WHOBREY A L
Patent Family (4 patents, 96 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2002054176	A2	20020711	WO 2001US49603	A	20011228	200256	B
US 20030028276	A1	20030206	US 2000259398	P	20001229	200313	E
			US 200136966	A	20011220		
AU 2002241674	A1	20020716	AU 2002241674	A	20011228	200427	E
AU 2002241674	A8	20051006	AU 2002241674	A	20011228	200612	E

Priority Applications (no., kind, date): US 2000259398 P 20001229; US
   200136966 A 20011220

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2002054176	A2	EN	30	5	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BY
    BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID
    IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ
    NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA
    ZW
Regional Designated States,Original: AT BE CH CY DE DK EA ES FI FR GB GH

      GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW
US 20030028276   A1   EN   Related to Provisional US 2000259398
AU 2002241674   A1   EN   Based on OPI patent   WO 2002054176
AU 2002241674   A8   EN   Based on OPI patent   WO 2002054176

Alerting Abstract WO A2
   NOVELTY - Results of zone reconfiguration process (206) are input to the
automated process, comprising three segments, user functions (200),
databases (202) and system functions (204). On completion of the process an
optional manual reconfiguration process (208) is available to modify
results if required. The process provides an automated linear expression
using the inputs, processes and databases to match dealer preferences and
demand with manufacturing plant output.
   DESCRIPTION - INDEPENDENT CLAIMs are also included for the following:

   1.A method for transforming a set of vehicles ordered by a dealer into a
     matching set of orders to a manufacture; (A system for matching dealer
     orders with manufacturing plant output to optimize manufacturing plant
     production and product distribution.

   USE - For balancing vehicle order requests among a plurality of
manufacturing plants and re-sellers in the vehicle manufacturing industry.
   ADVANTAGE - The computerized method allows almost immediate communication
and significantly decreases processing time, saving time, money and
manpower resources. The use of an automated linear expression calculation
for determining and balancing vehicle allocation provides a more equitable
and optimizable method of lot balancing.
   DESCRIPTION OF DRAWINGS - The figure is a block diagram illustrating
various components and functions used by the method for matching of dealer
orders with manufacturing plant output.
Title Terms/Index Terms/Additional Words: COMPUTER; BASED; METHOD; MATCH;
   DEAL; ORDER; MANUFACTURE; PLANT; OUTPUT; VEHICLE; AUTOMATIC; LINEAR;
   EXPRESS; CALCULATE; DETERMINE; BALANCE; ALLOCATE

Class Codes
International Classification (Main): G05B-013/02, G06F, G06F-019/00
  (Additional/Secondary): **G06F-017/60**
US Classification, Issued: 700099000, 700103000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J04A; T01-J05A2B; T01-J05B4P

   11/5/6   (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2007 WIPO/Thomson. All rts. reserv.

00920144   **Image available**
MOVE LOT SIZE BALANCING SYSTEM AND METHOD
SYSTEME ET PROCEDE <= MOVE >= D'EQUILIBRAGE DE TAILLE DE LOTS
Patent Applicant/Assignee:
  HONDA NORTH AMERICA INC, 700 Van Ness Avenue, Torreance, CA 90501, US, US
     (Residence), US (Nationality)
Inventor(s):
  ADAIR Dave B, 700 Van Ness Avenue, Torrance, CA 90501, US,
   BURRELL James V , 700 Van Ness Avenue, Torrance, CA 90501, US,
  CHAO Charles, 700 Van Ness Avenue, Torrance, CA 90501, US,
  GUPTA Mohan K, 700 Van Ness Avenue, Torrance, CA 90501, US,
  HIROTA Melissa, 700 Van Ness Avenue, Torrance, CA 90501, US,
  JAILLET Patrick, 700 Van Ness Avenue, Torrance, CA 90501, US,

JAIN Lalit, 700 Van Ness Avenue, Torrance, CA 90501, US,
KEALOHA John III, 700 Van Ness Avenue, Torrance, CA 90501, US,
KITA Ryan K, 700 Van Ness Avenue, Torrance, CA 90501, US,
MAI Quang N, 700 Van Ness Avenue, Torrance, CA 90501, US,
NIEMEYER Dirk, 700 Van Ness Avenue, Torrance, CA 90501, US,
SAMAL Nirod N, 700 Van Ness Avenue, Torrance, CA 90501, US,
WANG Chung, 700 Van Ness Avenue, Torrance, CA 90501, US,
WANG Flora F, 700 Van Ness Avenue, Torrance, CA 90501, US,
WHOBREY Andrea L, 700 Van Ness Avenue, Torrance, CA 90501, US,
Legal Representative:
BROWN Marc E (agent), McDermott, Will & Emery, Suite 3400, 2049 Century
    Park East, Los Angeles, CA 90067, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200254176 A2-A3 20020711 (WO 0254176)
  Application: WO 2001US49603 20011228 (PCT/WO US0149603)
  Priority Application: US 2000259398 20001229; US 200136966 20011220
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK
  SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Main International Patent Class (v7): G05B-013/02
International Patent Class (v7): G06F-019/00; **G06F-017/60**
Publication Language: English
Filing Language: English
Fulltext Availability:
  Detailed Description
  Claims
Fulltext Word Count: 8184

English Abstract
  A method system for allowing a vehicle dealer and manufacturer to match
  dealer orders (222) and manufacturing plant shipments easily and
  equitably are disclosed. The method significantly decreases processing
  time, saving valuable time, money, and manpower resources. An automated
  linear eypression calculation for determining and balancing (232) vehicle
  allocation allows for equitable balancing of manufacturing plant orders
  and efficient optimization.The linear expression calculation may be
  performed in an iterative series of steps. The linear expression
  calculation handles a plurality of attribute features (216), thereby
  accommodating a plurality of dealer requests and vehicle options. The
  linear expression calculation creates a matrix representing the plurality
  of attribute features (216), and with each iteration the values within
  the matrix are refined and optimized, with the resulting matrix
  representing an optimized and balanced allocaiton of manufacturing plant
  production orders among a plurality of manufacturing plants.

French Abstract
  L'invention concerne un procede et un systeme permettant a un
  concessionnaire et a un constructeur d'automobiles de mettre en
  adequation les commandes de concessionnaires et les expeditions d'usines
  de construction de facon facile et equitable. Le procede diminue de facon
  importante le temps de traitement, ce qui permet un gain de temps,
  d'argent et de main-d'oeuvre. Un calcul d'expression lineaire automatise
  servant a determiner et a equilibrer l'affectation des vehicules permet

un equilibrage equitable de commandes d'usines de construction et une
optimisation efficace. Le calcul d'expression lineaire peut etre effectue
dans une serie iterative d'etapes. Il traite plusieurs caracteristiques
d'attributs, satisfaisant ainsi plusieurs demandes de concessionnaires et
options de vehicule. Le calcul d'expression lineaire cree une matrice
representant les caracteristiques d'attributs, et avec chaque iteration,
les valeurs dans la matrice sont affinees et optimisees, la matrice
obtenue representant une attribution optimisee et equilibree des
commandes de production parmi plusieurs usines de construction.

Legal Status (Type, Date, Text)
Publication   20020711 A2 Without international search report and to be
                       republished upon receipt of that report.
Examination   20021219 Request for preliminary examination prior to end of
                       19th month from priority date
Search Rpt   20030116 Late publication of international search report
Republication 20030116 A3 With international search report.

```
Set      Items    Description
S1         119    AU=(BURRELL, J? OR BURRELL J? OR JEFFERY(2N)BURRELL)
S2          14    AU=(HYMEL, C? OR HYMEL C? OR CHRISTOPHER(2N)HYMEL)
S3         753    AU=(EWING, A? OR EWING A? OR ANDY(2N)EWING)
S4          10    AU=(MENKHAUS, S? OR MENKHAUS S? OR SUSAN(2N)MENKHAUS)
S5          62    AU=(BRECHTEL, C? OR BRECHTEL C? OR CAROL(2N)BRECHTEL)
S6           0    S1 AND S2 AND S3 AND S4 AND S5
S7         958    S1 OR S2 OR S3 OR S4 OR S5
S8           0    S7 AND ((INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR -
                  RECORD? ? OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR R-
                  EPORT? OR TRACK?))
File    2:INSPEC 1898-2007/Mar W4
          (c) 2007 Institution of Electrical Engineers
File   35:Dissertation Abs Online 1861-2007/Mar
          (c) 2007 ProQuest Info&Learning
File   65:Inside Conferences 1993-2007/Apr 04
          (c) 2007 BLDSC all rts. reserv.
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Mar
          (c) 2007 The HW Wilson Co.
File  474:New York Times Abs 1969-2007/Apr 03
          (c) 2007 The New York Times
File  475:Wall Street Journal Abs 1973-2007/Apr 03
          (c) 2007 The New York Times
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
File   15:ABI/Inform(R) 1971-2007/Apr 04
          (c) 2007 ProQuest Info&Learning
File   20:Dialog Global Reporter 1997-2007/Apr 04
          (c) 2007 Dialog
File  610:Business Wire 1999-2007/Apr 04
          (c) 2007 Business Wire.
File  810:Business Wire 1986-1999/Feb 28
          (c) 1999 Business Wire
File  476:Financial Times Fulltext 1982-2007/Apr 04
          (c) 2007 Financial Times Ltd
File  613:PR Newswire 1999-2007/Apr 04
          (c) 2007 PR Newswire Association Inc
File  813:PR Newswire 1987-1999/Apr 30
          (c) 1999 PR Newswire Association Inc
File  634:San Jose Mercury  Jun 1985-2007/Mar 29
          (c) 2007 San Jose Mercury News
File  624:McGraw-Hill Publications 1985-2007/Apr 04
          (c) 2007 McGraw-Hill Co. Inc
File    9:Business & Industry(R) Jul/1994-2007/Apr 03
          (c) 2007  The Gale Group
File  275:Gale Group Computer DB(TM) 1983-2007/Apr 03
          (c) 2007 The Gale Group
File  621:Gale Group New Prod.Annou.(R) 1985-2007/Apr 03
          (c) 2007 The Gale Group
File  636:Gale Group Newsletter DB(TM) 1987-2007/Apr 03
          (c) 2007 The Gale Group
File   16:Gale Group PROMT(R) 1990-2007/Apr 03
          (c) 2007 The Gale Group
File  160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File  148:Gale Group Trade & Industry DB 1976-2007/Mar 26
          (c)2007 The Gale Group
File    6:NTIS 1964-2007/Apr W1
          (c) 2007 NTIS, Intl Cpyrght All Rights Res
File    7:Social SciSearch(R) 1972-2007/Apr W1
          (c) 2007 The Thomson Corp
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File   8:Ei Compendex(R) 1884-2007/Mar W4
          (c) 2007 Elsevier Eng. Info. Inc.
File   34:SciSearch(R) Cited Ref Sci 1990-2007/Apr W1
          (c) 2007 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
          (c) 2006 The Thomson Corp
File 256:TecInfoSource 82-2007/Oct
          (c) 2007 Info.Sources Inc

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Set      Items    Description
S1       33643    SHORTAGE OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDE-
                  RSTOCK OR UNDER()STOCK
S2       38233    RE()USE OR REUSE OR USE()AGAIN
S3     7713261    CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                  CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4     3009276    CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
                  WAP OR SWITCH
S5      283146    EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6       85453    IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7       17392    S2 AND S3
S8         558    S5 AND S6 AND S3
S9          28    S1 AND S7
S10          0    S9 AND S8
S11          4    S1 AND S8
S12          1    S11 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
File 350:Derwent WPIX 1963-2006/UD=200722
         (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
         (c) 2007 JPO & JAPIO
```

12/5/1   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
(c) 2007 JPO & JAPIO. All rts. reserv.

08308054   **Image available**
EFFECTIVE USE SYSTEM OF **EQUIPMENT** /HUMAN RESOURCES

PUB. NO.:   2005-056314 [JP 2005056314 A]
PUBLISHED: March 03, 2005 (20050303)
INVENTOR(s):   UEDA TETSUO
               SENOO TAKAMITSU
               KUSAYANAGI YOSHINORI
APPLICANT(s): NISSAN MOTOR CO LTD
APPL. NO.:   2003-288902 [JP 2003288902]
FILED: August 07, 2003 (20030807)
INTL CLASS: **G06F-017/60**

                          ABSTRACT

PROBLEM TO BE SOLVED: To effectively use **equipment** , **materials** and human
resources by promoting borrowing and lending the **equipment** , **materials**
and human resources required for a nursing care service between nursing
care service providers.

SOLUTION: An **equipment** /human resources **excess** or **shortage** detector 13
detects the **equipment** , **materials** and human resources, which are short
or **excessive** when a registered business firm conducts a nursing care
service, based on **equipment** /human resources information stored in an
equipment /human resources database 11 and service reservation information
stored **in** a **service** provision database 12. A borrowing-and-lending
equipment /human resources extractor 14 retrieves a "borrowing" database
15 or "lending" database 16 based on the result of the detection by the
equipment /human resources. **excess** or **shortage** detector 13, and
extracts the **equipment** , **materials** and human resources which satisfy the
conditions. When the **equipment** , **materials** and human resources which
satisfy the conditions are extracted by the borrowing-and-lending
equipment /human resources extractor 14, an information provision
processing part 17 provides both the registered business firm which becomes
a lender, and the registered business firm which becomes a borrower, with
information for mediating the borrowing and lending of the **equipment** ,
material and human resources.

```
Set      Items    Description
S1       33643    SHORTAGE OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDE-
                  RSTOCK OR UNDER()STOCK
S2       38233    RE()USE OR REUSE OR USE()AGAIN
S3       7713261  CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                  CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4       3009276  CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
                  WAP OR SWITCH
S5       283146   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6       85453    IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7       17392    S2 AND S3
S8       558      S5 AND S6 AND S3
S9       28       S1 AND S7
S10      0        S9 AND S8
S11      4        S1 AND S8
S12      1        S11 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S13      48411    (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                  OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                  TRACK?)
S14      696      S1 AND S5 AND S4
S15      6        S13 AND S14
S16      5        S15 AND IC=(G06F? OR G06Q?)
File 350:Derwent WPIX 1963-2006/UD=200722
        (c) 2007 The Thomson Corporation
File 347:JAPIO Dec 1976-2006/Dec(Updated 070403)
        (c) 2007 JPO & JAPIO
```

16/5/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2007 The Thomson Corporation. All rts. reserv.

0016155475 - Drawing available
WPI ACC NO: 2006-687104/200671
Related WPI Acc No: 2006-613049
XRPX Acc No: N2006-543739
In-silico enabled inventory management system **for use by distributor,
has** exchange **processing unit to compare communicated inventory data for
compatibility and to communicate back compatible matches to nodes**
Patent Assignee: CHAPIN C (CHAP-I); EISENSON H (EISE-I)
Inventor: CHAPIN C; EISENSON H
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date.   Number   Kind   Date   Update
US 20060195562 A1   20060831 US 2005648906   P   20050201 200671 B
                               US 2006756757   P   20060106
                               US 2006345810   A   20060201

Priority Applications (no., kind, date): US 2005648906 P 20050201; US
   2006756757 P 20060106; US 2006345810 A 20060201

Patent Details
Number   Kind Lan   Pg Dwg   Filing Notes
US 20060195562 A1   EN   22   9 Related to Provisional US 2005648906
                                    Related to Provisional US 2006756757

Alerting Abstract US A1
   NOVELTY - The system has two nodes and a communication unit (106)
including a confidentiality unit. An **exchange** processing unit includes an
inventory data storage unit and an inventory data comparison unit. The
nodes communicate an inventory data to an **inventory management system**
. The communicated data is compared by the **exchange** processing unit for
compatibility. The compatible matches are communicated back to the nodes.
   DESCRIPTION - An INDEPENDENT CLAIM is also included for a method for
managing an internet based inventory.
   USE - Used by company with many outlets, distributor, wholesaler,
retailer and manufacturer.
   ADVANTAGE - The communicated inventory data is compared by the **exchange**
processing unit for compatibility and the compatible matches are
communicated back to the nodes, thus ensuring efficient sale, transfer and
subsequent utilization of obsolescent/surplus inventory of the technology
parts.
   DESCRIPTION OF DRAWINGS - The drawing shows a flow diagram of a method
for managing an internet based inventory.
   106 Communication unit
   22, 23 Technical specification
   24, 25 Specification tables

Title Terms/Index Terms/Additional Words: SILICO; ENABLE; INVENTORY;
   MANAGEMENT; SYSTEM; DISTRIBUTE; **EXCHANGE** ; PROCESS; UNIT; COMPARE;
   COMMUNICATE; DATA; COMPATIBLE; BACK; MATCH; NODE

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
   G06F-0015/173   A   I   F   B   20060101
   G06F-0015/16   C   I   F   B   20060101
US Classification, Issued: 709223000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2D; T01-N01A2B; T01-N01A2E

16/5/2   (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0016081418 - Drawing available
WPI ACC NO: 2006-613049/200663
Related WPI Acc No: 2006-687104
XRPX Acc No: N2006-493865
Silico enabled inventory   management   system **e.g. for product
inventory, travel based inventory, has** exchange **processor comparing
inventory data sent by nodes for compatibility and communicating compatible
matches back to nodes**
Patent Assignee: CHAPIN C (CHAP-I); EISENSON E (EISE-I); EISENSON H
   (EISE-I)
Inventor: CHAPIN C; EISENSON E; EISENSON H
Patent Family (2 patents, 111 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	
WO 2006083752	A2	20060810	WO 2006US3166	A	20060127	200663	B
US 20060195563	A1	20060831	US 2005648906	P	20050201	200663	E
			US 2005652691	P	20050214		
			US 2006756757	P	20060106		
			US 2006345842	A	20060201		

Priority Applications (no., kind, date): US 2005648906 P 20050201; WO
   2006US3166 A 20060127

Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 2006083752	A2	EN	33	7	

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
   BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
   HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG
   MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM
   SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
   FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO
   SD SE SI SK SL SZ TR TZ UG ZM ZW

US 20060195563	A1	EN		Related to Provisional	US 2005648906
				Related to Provisional	US 2005652691
				Related to Provisional	US 2006756757

Alerting Abstract WO A2
   NOVELTY - A system uses a communication unit (106) for communicating an
inventory data e.g. **overstock** and **understock** items sent by the nodes
such as retailers, suppliers, distributors or manufacturers to an **exchange**
 processor (108) which has a comparison unit for comparing inventory data
for compatibility and communicating compatible matches back to nodes. The
exchange processor has a transaction management function for orchestrating
payment and inventory shipping by and between nodes determined to have
complementary matching inventory.
   DESCRIPTION - An INDEPENDENT CLAIM is included for internet based
inventory   management method.
   USE - For product inventory and travel based inventory.

ADVANTAGE - Needs of the multiple geographic nodes at the retail,
wholesale, distribution and even manufacturing levels are satisfied,
improving effectiveness and portability of the business segments.
   DESCRIPTION OF DRAWINGS - The figure shows the **inventory   management
system** .
   100 **inventory   management   system**
   101 nodes
   106 communication unit
   108 **exchange** processor
   110 input device
   112 output device

Title Terms/Index Terms/Additional Words: SILICO; ENABLE; INVENTORY;
   MANAGEMENT; SYSTEM; PRODUCT; TRAVEL; BASED; **EXCHANGE** ; PROCESSOR;
   COMPARE; DATA; SEND; NODE; COMPATIBLE; COMMUNICATE; MATCH; BACK

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
   G06F-0015/173   A I F B. 20060101
   G06F-0015/16   C I F B 20060101
US Classification, Issued: 709223000, 709224000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-N01A1; T01-N01A2E

   16/5/3   (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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0015921121   - Drawing available
WPI ACC NO: 2006-452760/200646
XRPX Acc No: N2006-370688
Method of tracking and exchanging   excess / shortage **inventories,
involves searching** excess / shortage **inventory based on user initiated
rules, and tracking/executing changes to user base and inventory data based
on administrator commands**
Patent Assignee: NGUYEN H (NGUY-I); TRANLONG P B (TRAN-I)
Inventor: NGUYEN H; TRANLONG P B
Patent Family (1 patents, 1 countries)
Patent   Application
Number   Kind   Date   Number   Kind   Date   Update
US 20060085235 A1 20060420 US 2004602619   P   20040819 200646 B
                              US 2005201043   A   20050810

Priority Applications (no., kind, date): US 2004602619 P 20040819; US
   2005201043 A 20050810

Patent Details
Number   Kind Lan Pg Dwg Filing Notes
US 20060085235 A1   EN   10   3   Related to Provisional US 2004602619

   Alerting Abstract US A1
   NOVELTY - The software routines are constructed to couple inventory data
source, user and administrator. The inventory data are loaded to inventory
hub, based on user defined criteria. The **excess / shortage** inventory are
searched and presented to user, based on user initiated rules. The changes
to user base and inventory data are tracked/executed, based on

administrator commands, and the changes are updated to inventory hub.
   USE - For **inventory   control** in supply chain management (SCM) in
business enterprise.
   ADVANTAGE - Provides inventory mitigation and balancing business solution
ideally suited for web hosting or web **exchange** environment. Maximizes
user-initiated transactions without requiring the user to compile or code
software programs.
   DESCRIPTION OF DRAWINGS - The figure shows the workflow implemented in
inventory mitigation **system** .

Title Terms/Index Terms/Additional Words: METHOD; TRACK; **EXCHANGE** ;
   EXCESS ; **SHORTAGE** ; INVENTORY; SEARCH; BASED; USER; INITIATE; RULE;
   EXECUTE; CHANGE; BASE; DATA; ADMINISTER; COMMAND

Class Codes
International Classification (+ Attributes)
IPC + Level Value Position Status Version
   G06F-0017/50   A I L B 20060101
   G06F-0009/44   A I F B 20060101
US Classification, Issued: 705007000, 705028000

File Segment: EPI;
DWPI Class: T01
Manual Codes (EPI/S-X): T01-J05A2D; T01-N01A2E

   16/5/4   (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX

0011085408 - Drawing available
WPI ACC NO: 2002-020912/200203
XRAM Acc No: C2002-006107
XRPX Acc No: N2002-016414
Medical agent management for automatic inventory   management **, involves
classifying medical agents according to their conditions based on specified
characteristics database, to acceptable agents**
Patent Assignee: RICOH KK (RICO)
Inventor: NOMOTO M
Patent Family (1 patents, 1 countries)
Patent   Application
Number ·   Kind Date   Number   Kind   Date   Update
JP 2001243324   A   20010907 JP 200057706   A 20000302 200203 B

Priority Applications (no., kind, date): JP 200057706   A 20000302

Patent Details
Number   Kind Lan   Pg Dwg Filing Notes
JP 2001243324   A   JA   10   10

   Alerting Abstract JP A
   NOVELTY - Medical agent management involves classifying medical agents
according to their conditions and managing using a control system. The
chemical conditions of a valid medical agent are changed into acceptance
conditions and used as standard. In case of preparation of a multicomponent
agent, each chemical component is assigned a number, and conditions are
changed into acceptance conditions.
   DESCRIPTION - Medical agent management method involves classifying
medical agents according to their conditions and managing the agents using
a control system. When predetermined management data about an acceptable

medical agent is input, the control system assigns a management number to it. The chemical conditions of the valid medical agent are changed into acceptance conditions and used as standard.

In the preparation of a multi-component medical agent, each chemical component is assigned a management number, and the chemical conditions of each component is changed into acceptance conditions. When management numbers of the medical agent that is prepared and the chemicals used, are input, the condition of the prepared medical agent is set as a finishing condition.

USE - Used for automatic **inventory management** of medical agents.

ADVANTAGE - Several medical agents are managed at the same time. Medical agents satisfying predetermined parameters only are passed for administration and efficiency of medical agent **inventory control** increases by performing separate management of chemicals involved in preparation. The volume of inventory is decreased as much as possible and order timing can be optimized. Production planning is enabled efficiently and **excessive** inventory and **shortage** of medical agents, are prevented. The control system outputs the results of the measured parameters of the medical agent efficiently, and time and effort for calculation and management of medical agent, are minimized.

DESCRIPTION OF DRAWINGS - The figure shows a diagram of the medical agent management apparatus. (Drawing includes non-English language text).
   1 Data base
   2 Display device
   3 Data processor
   4 Counter
   5 Data entry apparatus
   6 Audio output device
   7 Temperature sensor
   8 Specific gravity sensor
   9 **Equipment management** apparatus

Title Terms/Index Terms/Additional Words: MEDICAL; AGENT; MANAGEMENT; AUTOMATIC; INVENTORY; CLASSIFY; ACCORD; CONDITION; BASED; SPECIFIED; CHARACTERISTIC; DATABASE; ACCEPT

Class Codes
International Classification (Main):   **G06F-017/60**
 (Additional/Secondary): A61J-003/00

File Segment: CPI; EngPI; EPI
DWPI Class: B04; J04; T01; P33
Manual Codes (EPI/S-X): T01-J05A
Manual Codes (CPI/A-M): B11-C03; B11-C09; B12-K04; J04-B01

   16/5/5   (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO
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03179567   **Image available**
METHOD FOR WARNING **INVENTORY** AND **SYSTEM** USING SUCH METHOD

PUB. NO.:   02-155067 [JP 2155067 A]
PUBLISHED: June 14, 1990 (19900614)
INVENTOR(s): KAGAMI AKIRA
              HONMA KOICHI
              AKASHI KICHIZO
              AIZAWA TAKAYUKI
              MORI HIROSHI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP
              (Japan)
APPL. NO.:   63-307825   [JP 88307825]
FILED: December 07, 1988 (19881207)
INTL CLASS: [5] **G06F-015/24** ; B65G-001/00
JAPIO CLASS: 45.4 (INFORMATION PROCESSING -- Computer Applications); 26.9
              (TRANSPORTATION -- Other)
JOURNAL: Section: P, Section No. 1099, Vol. 14, No. 402, Pg. 146,
              August 30, 1990 (19900830)

ABSTRACT

PURPOSE: To support intentional decision of inventory adjustment action by
calculating indexes to evaluate the **excess / shortage** of inventory from
the sales transition predicted results of respective pieces of merchandise
and displaying pieces of merchandise information arrayed under a
corresponding state to the magnitudes of the indexes.

CONSTITUTION: A sale pattern change/input processing part 31 **converts** the
model pattern of the sale characteristic of an inputted merchandise group
into a table in which time and sales summed-up ratios are made to
correspond to each other and registers the table in a time-sales summed-up
relational file 35. An inventory warning index calculating part 32 predicts
sales transitions for the individual pieces of merchandise on an assumption
that sales change based on the model pattern and calculates the indexes to
evaluate the **excess** / stortage of the inventory at a current point from
the predicted results, and an inventory warning merchandise output
processing part 34 arrays the pieces of information of plural pieces of
merchandise based on the indexes and displays the pieces of arrayed
information. Thus, it be comes possible to easily input experienced
person's experience and intuition related to the sales for a piece of
fashion merchandise having a short life cycle and give a more suitable
warning for the **excess / shortage** of the inventory based on the inputted
experience and the inputted intuition.

Set	Items	Description
S1	549514	SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDERSTOCK OR UNDER()STOCK
S2	39972	RE()USE OR REUSE OR USE()AGAIN
S3	2022749	CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4	1261319	CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-WAP OR SWITCH
S5	425608	EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6	191715	IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7	542	S1(S)S2(S)S3
S8	1642	S5(S)S6(S)S3
S9	11	S7(S)S8
S10	10	S9(S)S4
S11	5	S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)

File 348:EUROPEAN PATENTS 1978-2007/ 200708
          (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
          (c) 2007 WIPO/Thomson

11/TI/1   (Item 1 from file: 348)

Secure transaction management
Verfahren und Vorrichtung zur gesicherten Transaktionsverwaltung
Procede et dispositif de gestion de transactions securisees

11/TI/2   (Item 2 from file: 348)

Systems and methods for secure transaction management and electronic rights
    protection
Systeme und Verfahren zur Verwaltung von gesicherten Transaktionen und zum
    Schutz von elektronischen Rechten
Systemes et procedes pour gerer des transactions securisees et pour
    proteger des droits electroniques

11/TI/3   (Item 3 from file: 348)

Systems and methods for secure transaction management and electronic rights
    protection
Systeme   und   Verfahren   zur   gesicherten   Transaktionsverwaltung   und
    elektronischem Rechtsschutz
Systemes et procedes de gestion de transactions securisees et de protection
    de droits electroniques

11/TI/4   (Item 1 from file: 349)

EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM
    FOR RENTAL VEHICLE SERVICES
SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET
    POUR SERVICES DE LOCATION DE VEHICULES

11/TI/5   (Item 2 from file: 349)

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAINTAINING DATA IN AN
    E-COMMERCE BASED TECHNICAL ARCHITECTURE
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE MAINTIEN DES DONNEES DANS UNE
    ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

```
Set      Items    Description
S1      549514    SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
                     OR UNDERSTOCK OR UNDER()STOCK
S2       39972    RE()USE OR REUSE OR USE()AGAIN
S3     2022749    CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                     CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4     1261319    CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR S-
                     WAP OR SWITCH
S5      425608    EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6      191715    IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7         542    S1(S)S2(S)S3
S8        1642    S5(S)S6(S)S3
S9          11    S7(S)S8
S10         10    S9(S)S4
S11          5    S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S12      26939    (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                     OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                     TRACK?)
S13      20402    S1(S)S5
S14         42    S13(S)S12
S15          1    S14(S)S2
S16          4    S14(S)S6
S17          4    S14(S)(S2 OR S6)
File 348:EUROPEAN PATENTS 1978-2007/ 200708
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
        (c) 2007 WIPO/Thomson
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17/TI/1   (Item 1 from file: 348)

**Method and system for detecting defects and hazardous conditions in passing
    rail vehicles**
**Methode   und   System   zur   Erkennung   von   Defekten   und   gefahrlichen
    Eigenschaften von passierenden Eisenbahnfahrzeugen**
**Methode et systeme pour la detection des defauts et des conditions
    perilleuses des vehicules ferroviaires passants**

17/TI/2   (Item 1 from file: 349)

IN SITU RECOVERY FROM A OIL SHALE FORMATION
RECUPERATION D'HUILE IN SITU A PARTIR D'UNE FORMATION DE SCHISTE BITUMINEUX

17/TI/3   (Item 2 from file: 349)

SYSTEM FOR MONITORING REMOTE VENDING MACHINES
SYSTEME DE CONTROLE A DISTANCE DE DISTRIBUTEURS AUTOMATIQUES

17/TI/4   (Item 3 from file: 349)

SYSTEM OF HANDLING REFUSE DERIVED FUEL UTILIZING SAME TO FIRE POWER PLANTS
**SYSTEME DE MANIPULATION DE COMBUSTIBLE DERIVE DE DECHETS ET D'UTILISATION
    DE CE COMBUSTIBLE POUR ALIMENTER DES CENTRALES GENERATRICES**

Set	Items	Description
S1	549514	SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDERSTOCK OR UNDER()STOCK
S2	39972	RE()USE OR REUSE OR USE()AGAIN
S3	2022749	CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODUCT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4	1261319	CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR EXCHANG??? OR SWAP OR SWITCH
S5	425608	EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6	191715	IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7	542	S1(S)S2(S)S3
S8	1642	S5(S)S6(S)S3
S9	11	S7(S)S8
S10	10	S9(S)S4
S11	5	S10 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S12	26939	(INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ? OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR TRACK?)
S13	20402	S1(S)S5
S14	42	S13(S)S12
S15	1	S14(S)S2
S16	4	S14(S)S6
S17	4	S14(S)(S2 OR S6)
S18	16	S14(S)S4
S19	1	S18 AND IC=(G06F-017/30 OR G06F-017/60 OR G06Q?)
S20	3	S18 AND IC=(G06F? OR G06Q?)

File 348:EUROPEAN PATENTS 1978-2007/ 200708
        (c) 2007 European Patent Office
File 349:PCT FULLTEXT 1979-2007/UB=20070329UT=20070322
        (c) 2007 WIPO/Thomson

20/3,K/1   (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01212856   **Image available**
SYSTEM AND METHOD FOR IDENTIFICATION OF QUASI-FUNGIBLE GOODS AND SERVICES,
    AND FINANCIAL INSTRUMENTS BASED THEREON
SYSTEME ET PROCEDE D'IDENTIFICATION DE BIENS ET DE SERVICES QUASI-FONGIBLES
    ET INSTRUMENTS FINANCIERS BASES SUR CEUX-CI
Patent Applicant/Inventor:
  LEISTNER Gilbert, 18 Winding Brook Road, Goffstown, NH 03045, US, US
    (Residence), US (Nationality)
Legal Representative:
  JOHNSON John (agent), Carter Ledyard & Milburn LLP, 2 Wall Street, New
    York, NY 10005, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200520018 A2 20050303 (WO 0520018)
  Application: WO 2004US26960 20040818 (PCT/WO US04026960)
  Priority Application: US 2003495937 20030818
Designated States: ·
(All protection types applied unless otherwise stated - for applications
2004+)
  AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
  DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
  LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
  RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
  SE SI SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 33540

Main International Patent Class (v7): **G06F**
Fulltext Availability:
  Claims

Claim
... Financial Product Machine (FPM) 470 and at I 0 least one of a
  plurality of **Inventory   Management** Machines (IMM) 510 via a process
  that a user 460 can select to augment the...

...Vq+1 which is input to the Financial Product Machine 470 and one or more
   Inventory   Management Machines 510 via block 455. Depending upon an
  application, information describing current set Vq+1...
...alternatives Q, from a at least one of a plurality of given subscriber
  or user **Inventory   Management** Machines, using .a current set Vq+1
  (provided that a current set Vq+1 is...

...financial products based on qualified quasifungible candidate
  alternatives (assets) C., from some other subscriber's **Inventory**
Management Machine, using a current set Vq+1 (provided that a current
  set Vq+1 is...

...Machine 470 are quasi-fungibility based financial products 480. The
  function of one or more **Inventory   Management** Machine(s) 510 contained
  in the
  Practical Engine 465 in at least one preferred embodiment...

JMB   04-Apr-07

...based taxonomies 540 is implemented. Practical application of at least one of a plurality of **Inventory** **Management** Machines 510 for at least one preferred embodiment is detailed in...GSEOs in the nonlimiting examples below. User interaction and control of respective one or more **Inventory** **Management** Machine(s) 510 which may have multiple view permissions within a single machine can vary...

...from subscriber to subscriber and within a user organization. In one preferred embodiment to an **Inventory** **Management** Machine 510 subscriber-users are (1) members of a Treasury department 520 of a subscriber company using an **Inventory** **Management** Machine 510, and (2) members of a Procurement Management department 530 of the same 1 5 subscribing company using the same **Inventory** **Management** Machine 510 through another client workstation. It will be evident to one skilled in the...

...in an over over-the-counter type of structure as well as in highly structured **exchange** environments. The two types of users of an **Inventory** **Management** Machine 510 described herein are not to be confused with a "user" (at 320, 350...

...and hedge financial products. A Treasury department's 520 interactions with, and controls over, an **Inventory** **Management** Machine 510 in one preferred embodiment might consist of a treasurer seeking to maximize profit...

...one example below. The Procurement Management department's 530 interactions with, and controls over, an **Inventory** **Management** Machine 510 in at least one preferred embodiment might consist of coordinating treasury operations and **inventory** **management** , optimizing purchases through possible negotiation between multiple suppliers of quasi-fungible inventory, reduction of **shortage** pressures through the identification of candidate alternatives and controlling inventory age with a quasi-fungible set and inventory swaps. Outputs of one or more **Inventory** **Management** Machine(s) 510 can be optimizations of inventories using quasi-fungibility based taxonomies in which...

...and what rights are transferred therein since inventory provided by a receipt originator may be " **excess** " for only a relatively **short** period prior to being required for a production line. Many such concerns can be met...

...and other appropriate front, middle and back office functions. Further, Interface 467 could feed into **exchange** systems for trading purposes for margining, collateral management and quoting and trading through automatic price...Protocols are complex and the payers may seek to reduce what they might see as " **excess** " margins on services contracted for through a given HCD on a quasi-fungibility basis. But...

...their attendant outcomes such as increased service demand 3) be provided wherever there is io **shortage** , whether structural or temporary and 4) be tied to equipment loans and leases in combination...
...the subject invention, the cash and service flows for Radiological Services can be hedged and **exchanged** . For a large service provider base it is plausible that **excess** capacity of service within a set of service providers will exist on a local and...

...SPOtt+n from any qualified candidate alternative provider and functionally enable participants to sell services **short** While

repurchase agreement structures as proposed could be effected in
quasi-fungible services generally, clearly...

...weeks, (as well as individual days as necessary) could be bought from
entities having an **excess** and sold back at any later date as well as
sold outright. Since the services...

...on a multi-lateral as well as bi-lateral basis. The roles of dealers and
exchanges in such structures will be intuitive to one skilled in the
art. The possibilities for...

...the presence of which could constitute events that trigger options for
additional services. Such a **short** position held by a Dealer can be
modeled to create functional Term Repo or a Rolling Spot type of Repo
short that is either renewed by a recipient or rolled between accepted
candidate alternatives. A capacity to establish and hold functional
short positions in spot services allows for use of such positions as
hedges against other long...

...the repo (or other product such
as an individual forward or series of forwards or **swap**) is constructed
of the elements of V; For any pair A4,@) is a scalar (a...

...cash/service flows as it is classically envisioned since the
cash/service flows can be **replaced** by any member or group of members of
the utilized sets V (or new qualifying...

...time. "Elastic" in the context of this embodiment means that any
qualifying @j may be **substituted** at any time t over the life of the
service flows and at any time...

...replacement of forward positions. Moreover, as t -+ 0, delivery dynamics
will make for competitive
47
substitution under "use or lose it" valuation scenarios inherent in the
delivery of services at to...an Inventory Source according to inventory
drawdown protocols for a production line. Corresponding to the **short**
position in the forward held by the Device Manufacturer 1406, the Dealer
1402 has established...

...the forward contract on Reference ,which he has hedged with the
repo-to-cash market **short** sale combination based on either a Reference
4 or one or more @ in V(in...

...back office support functions such as collateral management, risk
analysis, payments and collections, connections to **exchanges** , and other
ancillary services associated with management of a trading portfolio and
its associated positions...

...augmented set 14. Inventory Source 1400 sends information about
Reference 4 to at least one **Inventory Management** Machine 465
according to the search protocols described above, which returns set Vof
(4,@j...

...already described methods. The output from the search is sent from at
least one subscriber **Inventory Management** Machine 510 via the
Practical Engine 465 to at least one of a plurality of...

...pricing base for derivatives, but serve as well as a mechanism for
pricing an inventory **swap** . A non-limiting example of parties to such a

swap structure would be a Component Manufacturer who receives fixed
payment for production and a Device...

...board, washer, nut".) can be processed through the Quasi-fungibility
Apparatus, Financial Product Machine and **Inventory   Management**
Machine. Thereby, large numbers of products previously thought of as
uinhedgeable can approach measures of...

20/3,K/2   (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01043254   **Image available**
**METHOD AND SYSTEM FOR TRACKING AND PROVIDING INCENTIVES AND BEHAVIORAL
    INFLUENCES RELATED TO MONEY AND TECHNOLOGY**
**PROCEDE ET SYSTEME DE SUIVI ET D'OCTROI D'INCITATIONS A DES TACHES ET
    ACTIVITES ET AUTRES DOMAINES DE COMPORTEMENT TOUCHANT A L'ARGENT, AUX
    INDIVIDUS, A LA TECHNOLOGIE, ET AUTRES VALEURS**
Patent Applicant/Inventor:
  MARSHALL T Thaddeus, 7 Clover Leaf Court, Medford, NJ 08055, US, US
    (Residence), US (Nationality)
Legal Representative:
  ROSENTHAL Robert E (agent), Duane, Morris LLP, One Liberty Place,
    Philadelphia, PA 19103, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200373236 A2-A3 20030904 (WO 0373236)
  Application: WO 2003US5982 20030227 (PCT/WO US03005982)
  Priority Application: US 2002360347 20020227; US 2002361794 20020305; US
    2002364237 20020313; US 2002364448 20020314; US 2002370518 20020404; US
    2002394827 20020709; US 2002403166 20020813; US 2002413270 20020924; US
    2002414860 20020930; US 2002416135 20021003; US 2002416288 20021004; US
    2002418413 20021015; US 2002421170 20021025; US 2002422042 20021028; US
    2002427787 20021119; US 2002429596 20021126; US 2002430542 20021202; US
    2002433921 20021216; US 2003439306 20030109
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
  EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
  LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK
  SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW
  (EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI
  SK TR
  (OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 66639

Main International Patent Class (v7): **G06F-017/60**
Fulltext Availability:
  Claims

Claim
... the individual is invited, such as through a text message, to famish
    personal information, in **exchange** for obtaining coupons or other
    benefits that may or may not be time sensitive and...a fast food
    restaurant along a route described by driving directions may have a

relatively **short** duration, such as one day or 12 hours, as the
selection of a fast food...a message may be
102
displayed inviting the individual to provide the personal information in
exchange for a coupon or other benefit good for a limited time at one of
the...by the map server or by other means of communications, to furnish
personal information, in **exchange** for obtaining coupons or other
benefits that may or may not be time sensitive and...text on a web page
provided by the map server, to furnish personal information, in **exchange**
 for obtaining coupons or other benefits that may or may not be time
sensitive and...communications bandwidth, are events. Use of such
resources in an inappropriate manner, such as in **excessive** amounts, or
during high demand times, results in deductions from a point account.
Balances in...in view of information relating to current business needs,
such as existing and/or planned **inventory** **management** needs online
and/or offline at one or more particular retail locations, and discretely
providing...

20/3,K/3   (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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00738050   **Image available**
APPARATUS AND METHOD FOR MONITORING AND MAINTAINING PLANT EQUIPMENT
DISPOSITIF   ET   PROCEDE   DE   SURVEILLANCE   ET   ENTRETIEN   D'INSTALLATIONS
    MATERIELLES
Patent Applicant/Assignee:
  NORTHEAST EQUIPMENT INC doing business as DELTA MECHANICAL SEALS, 44
    Probber Lane, Fall River, MA 02720, US, US (Residence), US
    (Nationality)
Inventor(s):
  BJORNSON Carl C, 29 Bowen Avenue, Tiverton, RI 02905, US,
Legal Representative:
  GORDON Peter J (agent), Wolf, Greenfield & Sacks, P.C., 600 Atlantic
    Avenue, Boston, MA 02210, US,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 200051037 A2-A3 20000831 (WO 0051037)
  Application: WO 2000US4072 20000217 (PCT/WO US0004072)
  Priority Application: US 99255511 19990222
Designated States:
(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)
  AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB
  GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA
  MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA
  UG UZ VN YU ZA ZW
  (EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
  (OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
  (AP) GH GM KE LS MW SD SL SZ TZ UG ZW
  (EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 30407

Main International Patent Class (v7): **G06F-017/40**
Fulltext Availability:
  Claims

Claim

... 00ther... 0-R;mg hfaww 0 Viton 0 EPR 0 Kalrez 0 Other... Othcrlnfo.
Heal **Exchangers**
0 Used 0 Not Used
kffg
Type
ShcU Mwftial
coilmatcrial
Otbj=lnfo.
Used 0 Not...

...Actlual/Current Beflect in coliumn i: relate None, Repair,
Dellen Seal Installed '4ot Checked. to **Replace** ,
f3
0 Al At Time 0 Yes, No. Not fidjurelEngineering Analvsi
Failure -$-U re I...Checked, D d. Actions
L
Yes, No. Not cond- recommended:
Sure ition None, Repair,
relate **Replace** ,
I -o Envineerip" Analysi
Lafflurel Other
I
NC Y NNS Y N N R R...Actual/Current Reflect in column I, Mon None,
ReRair,
lemperature Desion TCRIPerilture Not Checked, relate **Replace** ,
Operating At Time 0 Yes- No. Not to Engineering Analy is
Temperature Failure Luxe railurel...
...rjK&mmended-.
Design Condition in column l.- Iticn bame@@
At Time of Not Checked relate **Replace** ,
Failure Yes, No. Not to Engineering Anal si
s
Sure rallure Otber
NCI YIN INS...ElOperaungCondition! Exp.
10101
I ailure Nlode 10101 10102
Identified Seal Failure Analyzer Results X.
Human, **Equipment** , **System** Analysis
01000 Initial Problem Identification 20
01100 Mechanical Problems Identification
0 110 4/1 Mechanical...

...gc ther 'F@n S @al/Slu ng li@x Area entification -T- -
7
01400 **Excessive** Packing/Stuffing Box Leakage Identification
T-- - , /i-- Xc`c-' Fac-@-in@Kiiu@ingg Co-, L...t
0612@ quipment operation proce tire
06130 Equipment dry r jc@nditi
5@1 4 **Excessive** equipment vi
06150 4/1
07000 Process Fluid Analysis
07100 Process Fluid Inform

```
Set      Items    Description
S1      525176    SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
                  OR UNDERSTOCK OR UNDER()STOCK
S2       29773    RE()USE OR REUSE OR USE()AGAIN
S3     5014703    CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                  CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4      910142    CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
                  CH???
S5      145645    EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6      192256    IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7         157    S1 AND S2 AND S3
S8         501    S5 AND S6 AND S3
S9           0    S7 AND S8
S10       2143    S1 AND S5 AND S3
S11        319    S2 AND S6
S12      65675    (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                  OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                  TRACK?)
S13         48    S12 AND S10
S14          7    S13 AND S4
S15          2    S12 AND S11
S16          9    S14 OR S15
S17          9    RD  (unique items)
File    2:INSPEC 1898-2007/Mar W4
          (c) 2007 Institution of Electrical Engineers
File   35:Dissertation Abs Online 1861-2007/Mar
          (c) 2007 ProQuest Info&Learning
File   65:Inside Conferences 1993-2007/Apr 04
          (c) 2007 BLDSC all rts. reserv.
File   99:Wilson Appl. Sci & Tech Abs 1983-2007/Mar
          (c) 2007 The HW Wilson Co.
File  474:New York Times Abs 1969-2007/Apr 03
          (c) 2007 The New York Times
File  475:Wall Street Journal Abs 1973-2007/Apr 03
          (c) 2007 The New York Times
File  583:Gale Group Globalbase(TM) 1986-2002/Dec 13
          (c) 2002 The Gale Group
```

17/5/1   (Item 1 from file: 2)
DIALOG(R)File   2:INSPEC

09507582   INSPEC Abstract Number: C2005-09-1290F-071
   Title: Competitive stocking and coordination in a multiple-channel distribution system
   Author(s): Boyaci, T.
   Author Affiliation: Fac. of Manage., McGill Univ., Montreal, Que., Canada
   Journal: IIE Transactions   vol.37, no.5   p.407-27
   Publisher: Taylor & Francis,
   Publication Date: May 2005   Country of Publication: USA
   CODEN: IIETDM   ISSN: 0740-817X
   SICI: 0740-817X(200505)37:5L.407:CSCM;1-A
   Material Identity Number: H649-2005-005
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Practical (P); Theoretical (T)
   Abstract: In this paper, we study a multiple-channel distribution system in which a manufacturer sells its **product** through an independent retailer as well as through his wholly-owned channel. The manufacturer and the retailer **stock** the **product** solely to satisfy the final customer demand of their respective channels. We focus on the stocking levels of the manufacturer's wholly-owned channel and the retail channel. We assume that each channel has a local stochastic demand, but that the **products** are substitutable, which means there would be spill-over customers in the event that one channel runs out of **stock** . We explore the channel inefficiencies induced by the presence of simultaneous vertical competition (double-marginalization) and horizontal competition (substitutability). We show that there is an overall tendency for both channels to **overstock** due to **substitution** , which intensifies under increasing **substitution** rates. Increasing double-marginalization, on the other hand, intensifies the tendency to **overstock** in the manufacturer's wholly-owned channel, but induces the retail channel to **understock** . We find that supply chain losses are least under moderate levels of double-marginalization and/or **substitution** . We also investigate coordination mechanisms, and show that most of the well-known, simple contracts fail to achieve coordination in this setting. An exception to this is an appropriately designed penalty contract, which can indeed coordinate the supply chain, but is hard to implement. In search of practically more appealing coordination mechanisms, we design a novel two-part compensation-commission contract, whose terms depend on the retail channel sales. (32 Refs)
   Subfile: C E
   Descriptors: retailing; stochastic processes; **stock   control** ; supply chain management; supply chains
   Identifiers: competitive stocking; multiple-channel distribution system; stochastic demand; spill-over customers; channel inefficiencies; double-marginalization; supply chain losses; retail channel sales
   Class Codes: C1290F (Systems theory applications in industry); C1140Z (Other topics in statistics)
   Copyright 2005, IEE

17/5/2   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC

09376816
   Title: Benefiting from the risk-pooling effect: internal (component commonality) vs. external (demand reshape) efforts
   Author(s): Eynan, A.; Fouque, T.

Author Affiliation: Robins Sch. of Bus., Richmond Univ., VA, USA
Abstract: Faced with uncertain demand for their **products** companies bear
the associated burdens such as holding cost, spoilage and shrinkage for
excess inventory and lost sales, expediting cost and **shortage** penalty
upon stockouts. Consequently, much attention and effort are channelled
toward the reduction of these costs. Component commonality promotes this
endeavour by designing **products** to share some of their components.
Consequently, the variability of demand for the components is reduced
followed by a decrease in the management cost of **materials** . A recently
introduced approach is demand reshape where firms attempt to influence some
consumers to **switch** to a different **product** even though their original
choice is available. Consequently, total variability of demand for the
products is reduced as well as **inventory management** costs. As both
approaches rely on the risk pooling effect to gain benefits we explore the
efficiencies of the two approaches; we compare performance and also
investigate the potential benefits of employing both simultaneously. (13
Refs)
Subfile: E
Descriptors: cost reduction; financial management; **inventory
management** ; **product** design; risk management
Identifiers: risk-pooling effect; component commonality; demand reshape;
cost reduction; **inventory management** costs

17/5/3   (Item 3 from file: 2)

08067121   INSPEC Abstract Number: B2001-11-6135-294, C2001-11-5260B-386
   **Title: A study on time series pattern extraction and processing for
competitive intelligence support**
Author(s): Soe-Tsyr Yuan; Ming-Zeng Huang
Author Affiliation: Dept. of Manage., Fu-Jen Univ., Taipei, Taiwan
Abstract: In the era of rapid growth and high competition, a company must
possess an information-knowledge advantage in order to hold the upper hand
in the industry. Therefore, the company has to continuously monitor its
competitors in order to get enough information and **convert** the
information into competitive knowledge. Although information technology has
been used in many areas and has many successful **examples** , it is rarely
the case that information technology was used for the task of competitor

Intelligence. Accordingly, this study devises a method of time series pattern extraction and processing for the task of obtaining place-prospect competitor intelligence in order to advance an enterprise with a competitive knowledge advantage. The purposes of the method are two-fold: (1) For a **product** manufactured by the company, the gathered data are mined into a knowledge advantage-an appropriate amount of the **stock** to be allocated at: a timely fashion at a retailer in face of competition. (2) This knowledge advantage alerts the company's decision makers to what is unknown and forces them to make good decisions on the **stock** allocation problem, freeing them from the dilemma of **over - stock** or **under - stock** with respect to competitors' **stock** . Our approach differs from traditional **inventory management** in the grounds they are based: traditional **inventory management** is based on the perspective of cash flow while our approach is based on the perspective of competition encountered. The results show our method is quite promising to this end, obtaining the intelligence to gain competitive advantage. (12 Refs)
   Subfile: B C
   Descriptors: expert systems; feature extraction; time series
   Identifiers: time series pattern extraction; competitive intelligence support; information-knowledge advantage; information technology; place-prospect competitor intelligence; **inventory management**
   Class Codes: B6135 (Optical, image and video signal processing); B0240Z (Other topics in statistics); C5260B (Computer vision and image processing techniques); C1140Z (Other topics in statistics); C6170 (Expert systems and other AI software and techniques)
   Copyright 2001, IEE

17/5/4   (Item 4 from file: 2)
DIALOG(R)File   2:INSPEC
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07997708   INSPEC Abstract Number: C2001-09-1290F-061
 Title: An inventory model with dependent product demands and returns
   Author(s): Kiesmuller, G.P.; van der Laan, E.A.
   Author Affiliation: Fac. of Technol. Manage., Eindhoven Univ. of Technol., Netherlands
   Journal: International Journal of Production Economics   vol.72, no.1 p.73-87
   Publisher: Elsevier,
   Publication Date: 30 June 2001 Country of Publication: Netherlands
   CODEN: IJPEE6 ISSN: 0925-5273
   SICI: 0925-5273(20010630)72:1L.73:IMWD;1-6
   Material Identity Number: P531-2001-008
   U.S. Copyright Clearance Center Code: 0925-5273/2001/$20.00
   Document Number: S0925-5273(00)00080-3
   Language: English   Document Type: Journal Paper (JP)
   Treatment: Theoretical (T)
   Abstract: In this paper an inventory model for a single reusable product is investigated, in which the random returns depend explicitly on the demand stream. Further, the model distinguishes itself from most other research **in** this **field** by considering lead times and a finite planning horizon. We show that neglecting the dependency between demands and returns of products may lead to bad performance with respect to total average relevant costs. Additionally, our results enable one to determine the minimal recovery probability or the minimal length of the planning horizon for which **reuse** is profitable. (7 Refs)
   Subfile: C
   Descriptors: optimisation; planning; probability; production control; **stock control**

Identifiers: inventory model; reusable product; product demands; product returns; lead times; planning; recovery probability; optimisation; Markov chain
    Class Codes: C1290F (Systems theory applications in industry); C1180 (Optimisation techniques); C1140Z (Other topics in statistics)
    Copyright 2001, IEE

17/5/5   (Item 5 from file: 2)
DIALOG(R)File   2:INSPEC
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07284993   INSPEC Abstract Number: C1999-08-1290F-068
 Title: Optimal policy for a periodic review returnable inventory   system
    Author(s): Buchanan, D.J.; Abad, P.L.
    Author Affiliation: McMaster Univ., Hamilton, Ont., Canada
    Journal: IIE Transactions   vol.30, no.11   p.1049-55
    Publisher: Kluwer Academic Publishers,
    Publication Date: Nov. 1998 Country of Publication: Netherlands
    CODEN: IIETDM ISSN: 0740-817X
    SICI: 0740-817X(199811)30:11L.1049:OPPR;1-R
    Material Identity Number: H262-1999-002
    Language: English   Document Type: Journal Paper (JP)
    Treatment: Theoretical (T)
    Abstract: We consider the   **inventory   control** problem in a periodic review returnable system. In a returnable system, containers are returned by consumers to the manufacturer for **reuse** . We view the returns in a given period to be a stochastic function of the number of containers out **in** the **field** . Using dynamic programming, we derive the optimal **inventory control** policy for the system. (5 Refs)
    Subfile: C
    Descriptors: dynamic programming; stochastic processes; **stock control**
    Identifiers: periodic review returnable **inventory system** ; optimal policy; stochastic function; optimal **inventory control** policy
    Class Codes: C1290F (Systems theory applications in industry); C1180 (Optimisation techniques); C1140Z (Other topics in statistics)
    Copyright 1999, IEE

17/5/6   (Item 6 from file: 2)
DIALOG(R)File   2:INSPEC
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05923938 INSPEC Abstract   Number: A9509-2843-018,   B9505-8220B-175, C9505-7470-063
    Title: Advanced plant maintenance and surveillance system for the nuclear power plants of the next century
    Author(s): Raghavan, R.; Simon, B.H.
    Author Affiliation: Nucl. Energy, Gen. Electr. Co., San Jose, CA, USA
    Part vol.2   p.693-7 vol.2
    Editor(s): Peterson, P.F.
    Publisher: ASME, New York, NY, USA
    Publication Date: 1993 Country of Publication: USA   2 vol. (xiii+757+xv+899) pp.
    ISBN: 0 7918 0637 5
    Conference Title: Proceedings of 2nd International Conference on Nuclear Engineering (ICONE-2)
    Conference Date: 21-24 March 1993   Conference Location: San Francisco, CA, USA
    Language: English   Document Type: Conference Paper (PA)

Treatment: Practical (P)
Abstract: The traditional approach to nuclear power plant maintenance and surveillance employs a preventive maintenance philosophy that can result in **excessive** labor being expended and in unnecessary and potentially damaging testing being performed. Plant downtime may also be increased and availability reduced because of the large number of critical tasks that need to be accomplished during a maintenance outage. In addition, modern **control equipment** is increasingly computerized and software-driven, and thus is not readily accessible or understandable to an operator using conventional surveillance techniques. The proposed advanced approach uses a diagnostic system based on the advanced and still emerging technologies of neural networks and fuzzy expert systems, two decision-making methods that are both related to the more general concept of Artificial Intelligence (AI). This system monitors operating conditions of **control equipment** in real time and also monitors past performance based on maintenance **records** and **equipment** specifications entered into a computerized database. Plant system availability can be enhanced and maintenance costs can be reduced by automatically adjusting surveillance periods and maintenance schedules to actual trends in **equipment** performance. Rigid maintenance schedules do not provide the most efficient use of plant resources. **Equipment** in multiple redundant instrument channels may need calibration and testing at different times to maintain a system in an optimal state of readiness. Moreover, redundant systems generally use the same type of **equipment** in the separate channels. Manufacturing defects, wear-out effects, or changes in environmental conditions may result in common-cause failures over a **short** period of time, thus degrading the protection capability of the safety systems. Normal surveillance may not uncover many of these incipient **equipment** failures, but a neural-fuzzy expert system that continuously oversees the complex relationships of operating parameters among **system equipment** can rapidly discern deviations from normal behavior and make maintenance recommendations, including **replace** -or-repair decisions. (5 Refs)
Subfile: A B C
Descriptors: expert systems; fission reactor operation; maintenance engineering; neural nets; nuclear engineering computing
Identifiers: advanced plant maintenance; surveillance system; preventive maintenance; testing; plant downtime; maintenance outage; **control equipment** ; software-driven **equipment** ; diagnostic system; neural networks ; fuzzy expert systems; decision-making methods; Artificial Intelligence; computerized database; manufacturing defects; wear-out effects; common-cause failures; neural-fuzzy expert system; **replace** -or-repair decisions
Class Codes: A2843 (Fission reactor operation); B8220B (Nuclear reactors); C7470 (Nuclear engineering computing); C1230D (Neural nets); C6170K (Knowledge engineering techniques)
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17/5/7   (Item 7 from file: 2)
DIALOG(R)File   2:INSPEC
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0000162755   INSPEC Abstract Number: 1918B00369
Title: The automatic hydro-electric generating station of the Iowa Railway and Light Co.
Author(s): Bonnett, L.B.
Journal: General Electric Review   20   p.918-923
Publication Date: Dec. 1917 Country of Publication: USA
Additional Citations: The Electrician 80 785-786 22 March 1918 UK
Language: English   Document Type: Journal Paper (JP)

Abstract: An auxiliary station at Cedar Rapids, Iowa, comprising 3 vertical, 500-kv.a., 2-phase, 60-cycle, 2300-volt, 60 r.p.m. units working under 10 ft. head. Two 100-kw. induction-motor-driven exciters supply excitation, one only being large enough for 1.3 units. The station is 1000 yards from the 20,000-kw. steam station of the company and is connected by two one-phase concentric 600,000 circ.-mil. cables, 2300 volts. The units start and stop automatically by float **switch** control of the motor-operated gates, with the rise and fall of water in the forebay. They can be started and stopped by push-button from the steam station; for each unit is also a push-button which when opened shuts down the unit entirely and it cannot be automatically restarted until this button is reclosed. A motor-driven drum-type controller gives the correct sequence of operations, this motor being started in the first place by the float **switch** . The exciter induction motor is first run up, reaching speed in 3 secs. with full voltage and 6 times normal current. Next the motor-operated gate is opened enough to give the generator a free running speed of 70 cycles. The drum controller then stops until the generator speed reaches 55 cycles and is started again by a centrifugal **switch** on the generator shaft; after an interval of 2 secs. the generator is **switched** on to the bus-bars without field and in series with 20 per cent. reactance, the speed being then approximately 60 cycles. The controller moves on and the exciter increases the field of the generator, pulling it into synchronism and then raising it to full-load value, afterwards **short** -circuiting the reactance. Meantime the gate motor has come under the control of a contact-making ammeter, connected to a current transformer in the generator leads; this opens the gate until full-load current is flowing. The controller motor now stops in the full running position. Only 39 secs. elapse between the opening of the gate and the **switching** -in of the generator with reactance **short** -circuited and in 45 secs. the machine is on full load. An oscillogram is given showing the circuit conditions during these periods. The generators operate with fixed excitation, and if the water-level is too low to give full load, the highly excited generator takes care of the wattless kilo-volt-amps. of the system. Thermostats are installed in the bearings, and if overheating occurs the machine will be shut down. Details are given of the satisfactory operation of the plant under emergency and breakdown conditions. The cost of the automatic **control equipment** is not greatly in **excess** of the ordinary hand-operated switchboard. The description is clearly illustrated, showing details of all the auto-control gear.
  Subfile: B
  Descriptors: electricity and traction works
  Identifiers: electricity and traction works (descriptive)
  Class Codes: B8000 (Power systems and applications)
  Copyright 2004, IEE

17/5/8   (Item 8 from file: 2)
DIALOG(R)File   2:INSPEC
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0000133716   INSPEC Abstract Number: 1908B00649
 Title: A single-phase railway motor [with discussion and correspondence]
  Author(s): Alexanderson, E.F.
  Journal: Proceedings of the American Institute of Electrical Engineers
  27   p.93-109
  Publication Date: Jan. 1908 Country of Publication: USA
  Additional Citations: Proceedings of the American Institute of Electrical
Engineers 27   389-413 April 1908 USA ; Street Railway Journal 31 82-84
18 Jan. 1908 UK ; Electrical Engineering 3 279-280 20 Feb. 1908 UK
  Language: English   Document Type: Journal Paper (JP)
  Abstract: The motor discussed in this paper may be called a "series

repulsion motor." The windings resemble those of a series motor, and the armature ad stator are permanently connected in series. A general diagram of the motor is shown in Fig. 1. The terminal voltage of the series repulsion motor can be selected with greater liberty than in a series motor, but not so arbitrarily as in the case of a repulsion motor. Its advantages over the straight compensated series motor are very marked. The commutation is so radically improved that resistance leads are unnecessary, and it is feasible to build the motors in larger capacities. In its performance it resembles the series motor with commutating poles, but offers several distinct advantages over the same. Instead of producing a commutating flux locally by coils on the stator, the conductors in the armature are located in such places where the desired flux will naturally exist. This arrangement simplifies the stator winding considerably. the compensating winding of the series motor is replaced by an inducing winding with twice as many turns, and the energy is introduced either in the stator alone or in the stator and rotor together. By this arrangement, as well be explained later, the starting torque is doubled for the same commutation and the same supply of current. The author then considers the commutation conditions in the repulsion and series motors and in the series repulsion motor. In the series repulsion motor the fundamental conditions necessary for good commutation may be obtained at any speed by varying the proportion between series and repulsion motor action. In the repulsion motor the armature currents are induced by the transformer action, but the distribution of the currents is substantially the same as for the series motor. This difficulty has led to the design of an armature winding as shown in Fig. 2, by which the e.m.f. due to the cutting of the active flux is eliminated. The magnetisation is produced by a separate stator winding, located symmetrically with respect to the brushes. This gives a distribution of the fields as shown in Fig. 2. The armature conductors under commutation are located on the edge of the field flux, so that both sides of the coil are under an equal flux of the same polarity. In this manner the two fundamental conditions for good commutation can be fulfilled in a series repulsion motor at any speed without the aid of commutation poles. Instead of creating a commutating flux artifically in a place where the commutated conductors happen to be, the conductors are located in a place where the correct flux will naturally exist. A comparative diagram of the alternating voltages in the short-circuited coils of a series repulsion motor for 25 ~, and for the same motor when used as a series motor for 15 and 25 ~ is given in the paper. Starting . The double starting torque is obtained by winding the stator with twice as many turns as the armature. The motor starts as a repulsion motor with the armature short-circuited. The field is in series with the stator circuit at starting and with the rotor circuit when running. At starting the rotor carries twice as much current as when running, in order to give the same field strength; in this manner doubling the starting torque. Control .-The alternating-current control equipment has a total of seven contactors and a reversing switch. Power Factor .- The author discusses the power factors of different types of motors. A series repulsion motor as developed for railway service has only one-third to one-quarter repulsion motor action, this being the proportion that gives sparkless commutation from synchronous to double synchronous speed. The lowering of the power factor due to magnetising current is therefore very slight, and with the greater liberty in design that is gained in the series repulsion motor the power factor is practically the same as in a series motor. Selection of Frequency .- In regard to the choice of frequency the series repulsion motor again gives greater liberty. It can be said in general that 25 ~ is entirely satisfactory for all geared motor work; it is preferable in that the combination of motor and transformer weighs less at 25 than at 15 ~. It is, however, the impression of the author that the only argument that remains for 15 ~ is the direct-connected motor for high-speed passenger locomotives. Economy of Material .- The motor described can be built in

larger capacities than the series motor. Furthermore, it is possible to increase the flux per pole without impairing the commutation. The motor is equally well applicable to direct and alternating current, while the armature is constructed according to standard direct-currant practice with the conductors soldered into the commutator bars. In the discussion , L. B. Stillwell referred to the opinions expressed in his paper with H. S. Putnam [Abstracts 1908B00417 and 1907B00800], that at 15 ~ the output of a given single-phase AC motor is from 25 per cent. to 40 per cent. greater than at 25 ~. He considered that this new motor will gain as much in ratio of output to weight at a given speed by reduction of frequency from 25 to 15 ~, as will the series-compensated motor. B. G. Lamme stated that he did not see that this motor does, or can accomplish more than has already been accomplished successfully by a properly designed series-compensating motor. He compared the new arrangement with the series-compensated type as applied to the New Haven locomotive motors which have a normal rating of 250 h.p. at 220 r.p.m. Tests on the New Haven motors show that it is utterly impracticable to start with normal induction in the field without preventive leads in the armature, for the short-circuit or local current is excessive and causes vicious and destructive sparking. The speaker cited tests on the locomotive equipped with two 500-r.p.m. motors, and exhibited at the Atlantic City Street Railway Convention, which showed that under certain conditions the locomotive was operated for 5 min. at speeds of from 2 to 3 miles per hour, representing less than one-tenth the normal rated speed of the motor, and this while exerting more than double torque. The motor was also held at a standstill for considerable periods, developing excessive torques in attempting to start with the brakes set. Under this condition a motor without preventive leads would unquestionably have been ruined. To meet such conditions in practice requires a motor that can be held at standstill for more than an instant when developing heavy torque. It is under this very condition that the motor with the preventive leads shows to great advantage over the one with excessive short-circuit currents, and without such leads. W. B. Potter called attention to a recent test of a series-repulsion motor having the same armature dimensions and number of poles as the series motor on the New Haven locomotives to which Lamme referred. He understood that this New Haven motor has a limiting tractive effort of about 5,000 lbs. The series repulsion motor on the basis of the same diam. of driving wheels gives a tractive effort in starting of 7,500 lbs. and good commutation up to 75 miles per hour. W. I. Slichter considered the running and starting conditions in the new type of motor. One of the immediate results of the development of this motor is the fact that it makes the need of 15 ~ for single-phase railway work a great deal less important. S. M. Kintner , referring to carbon-brush characteristics, said he had compiled data from a road operating approximately 100 single-phase commutator motors each of 100 h.p. capacity. The average car-miles per brush was 15,200 per month for 3 months. Another road reports an average of 13,000, the motors having been in operation over a year. C. P. Steinmetz discussed the development of the single-phase motor. He considered that the second and last serious problem of the alternating-current motor which still remained after Eickmeyer's work, the problem of commutation, has finally been solved by the work recorded in the present paper. The Author , in reply, stated that he had designed a repulsion motor for the same purpose and with the same outside dimensions as the New Haven 250 h.p. for 1 hour, 220-r.p.m. motor refered to by B. G. Lamme. This motor has been tested and has an output of 280 h.p. continuously and 350 h.p. for one hour at 220 r.p.m. This increase from 250 to 350 h.p. at the hourly ratings of the two motors is fully as high as the increase claimed by changing from 25 to 15 ~. In the series-repulsion motor the problem of commutation has been solved, and therefore the only field of usefulness for resistance leads would be at starting. If resistance leads were the only solution to obtain good starting they would be used in the series-repulsion motor, which with resistance leads would give the same

increase in rated capacities, and the same improvement in commutation as
would be effected by changing the frequency of the series motor from 25 to
15 ~. He gives the characteristic curves relating to a series-repulsion
motor of 450-h.p. continuous output when running at 400 r.p.m. This motor
delivered 800 h.p. at 310 r.p.m. with almost sparkless commutation. In
answer to questions about the ability of the series-repulsion motor to
exert a torque at standstill the author replied that motors have been
tested with the armatures blocked and have given double their normal torque
for 1 min. On one occasion a train of 250 tons was hauled by four motor
equipments consisting of 125-h.p. motors. This train was started on a 1
per cent. grade, and as a further test two motors were cut out and the
remaining two motors started this 250-ton train on the same grade. Fig. 1
Fig. 2
   Subfile: B
   Descriptors: electric motors
   Identifiers: motors
   Class Codes: B8300 (Power apparatus and electric machines)
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   17/5/9   (Item 9 from file: 2)
DIALOG(R)File   2:INSPEC
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0000119106   INSPEC Abstract Number: 1904B02350
   **Title: Commercial practicability of electric traction by surface contacts
[with discussion]**
   Author(s): Shawfield, C.E.C.
   Journal: Tramway and Railway World   16   p.61-66
   Publication. Date: July 1904 Country of Publication: UK
   Additional Citations: Street Railway Journal 24 71-75 9 July 1904 UK
   Language: English   Document Type: Journal Paper (JP)
   Abstract: The author in this paper makes certain comparisons between the
overhead system and the surface-contact system which has been under his
control for the past two and a half years at Wolverhampton. Safety. - In
comparing the respective advantages from the point of view of safety of the
overhead and surface-contact systems, it is evident that only one source of
danger need be seriously considered - namely, that of electric shock, as
practically all other risks are common to electric traction. In the case of
the surface-contact system, the only portion of the apparatus exposed to
the public from which a shock could be obtained is the metal stud in the
centre of the track, and this can only remain or become alive (except when
it is covered by a car) in the event of some failure of, or defect in, or
damage to, the mechanism which operates it. The records of defective boxes
during the past twelve months show that a total of 109 boxes were found
more or less alive, 59 of which were alive at an e.m.f. of over 50 and
under 500 volts. The presence of a metallic stud in the street charged at a
pressure of 500 volts does not, in the author's opinion, imply that the
stud is capable of transmitting a dangerous shock to any animal or person
standing thereon, as, owing to the comparatively high resistance of the
conducting path formed by the charring of the interior of the cup, the
quantity of current that can pass is exceedingly small. With reference to
the cups damaged by **short** -circuits, recent experiments made by the author
show that the degree of damage entirely depends upon the time element of
the circuit-breaker controlling the main feeder. When the traction
switchboard was installed at the power station the possibility of the
adoption of a surface-contact system had not been considered, and the
circuit-breakers for the tramway feeders were specially designed to give a
comparatively slow break. Experience has shown, however, that this is the
worst type of a apparatus for use, and the author is now **replacing** the
original type with others of a new type, and he has every reason to believe

that the alteration will very greatly reduce the number of defective boxes in future. In so far as the question of safety is concerned, the author concludes that the balance of advantage lies with a well-designed surface-contact system. Reliability of Operation. - The author has kept strict record of every delay occurring on the Wolverhampton system, which shows that out of 173 car-miles lost in 12 months due to defect in the surface-contact system, 27 were due to the track, and 146 to the cars themselves; this working out to an average of 3 1/3 car-miles per 10,000 run. In the surface-contact system, as installed at Wolverhampton, any accident or breakdown can only affect one, or in very rare cases two boxes, and the momentum of the car is sufficient to enable it to coast over the **short** length of track thus disabled. Further, any faulty box can be removed and **replaced** by a new one in an average time of 15 min. without any interruption of service, while in an accident of any kind to the overhead **equipment** tit usually means the putting out of service temporarily from a quarter to half mile of route, and a total cessation of traffic along the section affected for a more or less lengthy period. Cost of Operation and Maintenance. - The expenditure on the maintenance of the contact system at Wolverhampton for the past 12 months works out at Pounds21 6s. per mile of single track or at 0.11d. per car-mile. In respect of car **equipment** , the cost per car per annum was Pounds12 9s., or per car-mile 0.144d. The latter **item** is in the author's opinion normal, and considerably in **excess** of what may be expected in future. It is impossible to obtain reliable figures as to the cost of inspection and maintenance of the trolley wheels, poles, and standards in the case of the overhead system, as records are not apparently kept, but it is probable that the car **equipment** of the overhead system can be more cheaply maintained than that of a surface-contact system. One of tech most serious disadvantages of the surface-contact system is the increased consumption of electrical energy involved, of which there are three causes: (1) The energy required to operate the circuit-closing mechanism of the **track equipment** . (2) The additional energy necessary for the propulsion of the cars owing to the extra weight of the special apparatus carried on the cars. (3) The surface leakage from box to rail over the paving under each car. The average current consumption for the 12 months worked out at 1.49 units per car-mile. Of this the additional current consumption due to the weight of the Lorain **equipment** is approximately equal to 0.13 unit per car-mile, and the total additional current consumption to be debited against the surface-contact system is 0.24 units per car-mile, or approximately 19 per cent. more than would have been required by the overhead system Disfigurement of Streets and Obstruction to Traffic. - This, in the case of the overhead system, is obvious; while it is claimed for the surface-contact system that it offers less impediment to the free use of the streets and side-walks than any other system, and on the score of appearance it may be said that it is the least conspicuous and objectionable of any other system. Conclusions. - These may be summed up as follows: A well-designed and carefully installed surface-contact system is superior to the overhead trolley system in respect of the questions of safety, reliability disfigurement of streets, and obstruction to traffic. The overhead system is considerably cheaper, both as regard the capital cost of installation and the annual cost of operation and maintenance. For tramway systems where low initial cost and annual charges are the first consideration, and especially for light railway in thinly populated districts, the overhead at watering-places and other pleasure resorts, the surface-contact system has many claims for serious consideration in preference to the overhead trolley system. Cost of Installation. - It may be taken that first-class overhead construction costs from Pounds1,500 to Pounds2,000 per mile of route, whether double or single, whereas the cost of the surface-contact system will be from Pounds42,000 to Pounds2,500 per mile of single track.

  Note: Paper read at Annual Meeting of the Municipal Electrical Assoc.,
June 29, 1904.
  Subfile: B
  Descriptors: costing; electric propulsion; traction
  Identifiers: costs; traction, electric (excluding accumulator traction
and descriptions of power stations)
  Class Codes: B8520   (Transportation)
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Set     Items    Description
S1     2911299   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
                 OR UNDERSTOCK OR UNDER()STOCK
S2      35111    RE()USE OR REUSE OR USE()AGAIN
S3    16343252   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                 CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4     3105125   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
                 CH???
S5      699017   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6      636346   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7         355   S1(S)S2(S)S3
S8        3915   S5(S)S6(S)S3
S9           9   S7(4S)S8
S10          9   RD  (unique items)
S11     239381   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                 OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                 TRACK?)
S12      10527   S1(15N)S5
S13         88   S2(15N)S6
S14          0   S11(4S)S13
S15          1   S11 AND S13
S16         69   S12(15N)S4
S17        429   S12(S)S4
S18         27   S11(4S)S17
S19         28   S15 OR S18
S20         28   RD  (unique items)
S21          1   S20 NOT PY>2001
File  20:Dialog Global Reporter 1997-2007/Apr 04
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21/3,K/1
DIALOG(R)File 20:Dialog Global Reporter
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02767565   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Waste not
ELECTRONICS TIMES, pPage 4
September 07, 1998
JOURNAL CODE: FETS   LANGUAGE: English   RECORD TYPE: FULLTEXT
WORD COUNT: 99

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...life electronic equipment.
Based in Glasgow, CoverTronic UK will be serving the British market
for **inventory**   **management** in all areas of electronics waste, including
the recovery, reuse and recycling of PCBs.
...   the impending waste legislation. He says CoverTronic aims to become
one of the leading companies **in** the **field** of electronic components
recovery, **reuse** and remarketing as well as electronics recycling.

```
Set     Items    Description
S1    1140735    SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
                 OR UNDERSTOCK OR UNDER()STOCK
S2      36172    RE()USE OR REUSE OR USE()AGAIN
S3    7365095    CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                 CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4    1424948    CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
                 CH???
S5     450415    EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6     368526    IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7        190    S1(S)S2(S)S3
S8        760    S5(S)S6(S)S3
S9          0    S7 AND S8
S10    149111    (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                 OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                 TRACK?)
S11     16808    S1(S)S5
S12       577    S2(S)S6
S13        11    S10 AND S12
S14       707    S11(S)S4
S15        11    S10(4S)S14
S16        30    S10 AND S14
S17        41    S13 OR S16
S18        19    S17 NOT PY>2001
S19        19    RD  (unique items)
File  15:ABI/Inform(R) 1971-2007/Apr 04
         (c) 2007 ProQuest Info&Learning
File 610:Business Wire 1999-2007/Apr 04
         (c) 2007 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
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         (c) 2007 Financial Times Ltd
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         (c) 2007 PR Newswire Association Inc
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         (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2007/Mar 29
         (c) 2007 San Jose Mercury News
File 624:McGraw-Hill Publications 1985-2007/Apr 04
         (c) 2007 McGraw-Hill Co. Inc
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19/3,K/1   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02495036 117543622
The manager's guide to internal control: diary of a control freak
Pickett, K H Spencer
Management Decision v37n2 PP: 93 1999
ISSN: 0025-1747 JRNL CODE: MGD
WORD COUNT: 90354

...TEXT: s still higher than normal. Could I be so bold as to ask whether
you' **re** having problems at work, at all?"

Bill responded quickly. "Well yes, as it happens. Things...that depends on
being able to check that something that should be there, is there. **Stock**
checks, **inventory** reconciliations, inspections, asset checks and regular
call-backs for assets used outside the office, means...will discharge the
requirements of the new initiative. It may indicate a need for training **in**
 communication skills, listening skills, awareness of conflict management
and negotiation skills. It may require some...

19/3,K/2   (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02328414 86926421
**Civil aircraft maintenance and support Fault diagnosis from a business
perspective**
Knotts, Robert M H
Journal of Quality in Maintenance Engineering v5n4 PP: 335-347 1999
ISSN: 1355-2511 JRNL CODE: QMGR
WORD COUNT: 3691

...TEXT: the labour and material expenditures which contribute to
activities such as administration, supervision, tooling, test **equipment** ,
facilities, **record** keeping etc. Over a 30-year aircraft life DMCs make a
significant contribution to an...

...financial penalties if DMCs exceed agreed specified levels.

Other important criteria are servicing turnaround time, **system** and
equipment reliability and maintenance down time. The increasing complexity
of systems places demands on system maintenance...try and remember test
procedures and related maintenance activities, contributing to unstructured
fault finding and **excessive** down time. Related equipment removals may
well be classified as NFF, adding unacceptable expenditure to...assisting
technicians lacking system expertise, and which allows prediction and
update of diagnosis times. In **short** a rugged PC, offering access to all
relevant data and information, **replaces** numerous publications and serves
as an electronic toolkit for use by technicians at the work...

19/3,K/3   (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

02189192 72652273
Find the right tool

Gilbert, Alorie
Informationweek n836 PP: 74-77 May 7, 2001
ISSN: 8750-6874 JRNL CODE: IWK
WORD COUNT: 945

...TEXT: change the way you do some processes."

Another frontier of manufacturing collaboration is supply-chain **management**
 and **inventory control** . Tools from Adexa, J.D. Edwards, i2
Technologies, Logility, Manugistics, Oracle, SAP, SynQuest, SeeCommerce,
Viewlocity, and WebPlan let manufacturers create and share demand forecasts
and production plans with suppliers, **monitor inventory** and supplier
performance, and track and resolve glitches in their plans, such as a late
...

...Niku, Novient, Opus 360, PeopleSoft, and Portera are providing new
levels of collaboration and communication **in service** industries,
particularly IT services. These tools let companies track skills,
experience, and availability of consultants...
...plans and proposals for new business. The benefits include creation of
more-efficient work teams, **reuse** of existing intellectual capital, and
more profitable projects.

Peer-to-peer technology is evolving a...

 19/3,K/4   (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02089895 63966216
Facilitating interorganizational learning with information technology
Scott, Judy E
Journal of Management Information Systems v17n2 PP: 81-113 Fall 2000
ISSN: 0742-1222 JRNL CODE: JMI
WORD COUNT: 13592

...TEXT: learning via a feedback mechanism using explicit knowledge encoded
in information systems. IT monitors and **tracks inventory** levels,
orders, and quality performance in a timely manner. The immediate or fast
feedback enables...

...needs to be receptive to opportunities for exploiting IT capabilities,
yet realize IT limitations, both **short** -term and long-term. Some
limitations of IT may lessen as IT performance improves relative...

...value. Underinvestment in IT was common in the disk drive industry.
Nevertheless, IT cannot always **substitute** for face-to-face
communications. Management should understand the importance of high levels
of interaction...
...create a culture that knows how to exploit IT. For example, the high
risk from **excessive** inventory that rapidly becomes obsolete has been a
recurring problem in the disk drive industry...

 19/3,K/5   (Item 5 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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02040054 55481861

A longitudial analysis of technical and organizational uncertainty in management theory
Weitz, Ely; Shenhav, Yehouda
Organization Studies v21n1   PP: 243-265 2000
ISSN: 0170-8406   JRNL CODE: ORS
WORD COUNT: 8472

...TEXT: empirical analyses for the period 1879-1932 make use of primary
data; they do not **re** - **use** and interpret secondary materials. The data
are compiled from the American Machinist and the. Engineering Magazine, the
premier trade journals **in** the **field** , the central forums for discussion
and main sources of documentation of management techniques and practices...
relations, personnel, employment bureaus, organization, administration,
organization structure, methods and policies regarding wages, production
and **inventory control** , policies regarding recruitment and separation of
workers, labour markets, and economic issues. This was done...

 19/3,K/6   (Item 6 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01913565 05-64557
The art of asymmetry
Foster, Robert
Telephony v237n16   PP: 74-80   Oct 18, 1999
ISSN: 0040-2656   JRNL CODE: TPH
WORD COUNT: 1898

...TEXT: enabling the service provider to deploy with contiguous or
non-contiguous spectral blocks. Sparing and **inventory tracking** is
simplified because the TDD radio can operate over the entire band of
interest.

Play...

...to-hub interference, which is an identical problem in TDD and FDD
systems.

A frequency **reuse** plan for TDD demonstrates its viability in a
cellular-like environment. **Reuse** plans have been developed for 30-, 45-
and 60-degree sectorizations, and grade-of-service simulations have been
performed for large-scale systems. A TDD **reuse** methodology can exploit
the availability of spectrum to provide complete coverage across a
multicell network while holding a portion of the spectrum **in** reserve.
Service providers can then reserve spectrum to mitigate interference
arising from systems operating at the basic...

 19/3,K/7   (Item 7 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01912846 05-63838
A system dynamics model of cyclical office oversupply
Kummerow, Max
Journal of Real Estate Research v18n1   PP: 233-255 Jul/Aug 1999
ISSN: 0896-5803   JRNL CODE: JRR
WORD COUNT: 6701

...TEXT: have been used to simulate a droplet of rocket fuel, species extinctions, predator/prey systems, **inventory   control** , transportation systems, manufacturing processes, military battles, disease contagion, urban growth and development, Earth's carrying...

...presented MIT MBA with students a simple two feedback loop model posing pricing, production and **inventory   control** problems similar to those faced by office market decision-makers. Subjects showed a tendency towards ...the discrepancy will be zero and no supply adjustment will occur.7 If there is **excess** supply, the supply change called for is also zero. This implies that buildings are not demolished or **converted** to other uses, a simplifying assumption.8 Once a space **shortage** occurs in the model, the system adjusts to eliminate the discrepancy, constrained by exogenous supply...3 Similar dynamics-demand shock, order increase, backlog, catch up and oversupply-occur in many **inventory   control** problems. Senge (1990) presents a "beer game" **inventory   control** model in which inventory adjustments and delivery backlogs tend to magnify a small demand shock...

...by Torto-Wheaton, a Boston forecasting firm.

Footnote:

16 Similar cobweb cycles are observable in **inventory   control** and predator prey systems. For example, the three years required to produce beef animals leads...

19/3,K/8   (Item 8 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01831001 04-81992
Optimal policy for a periodic review returnable inventory   system
Buchanan, D J; Abad, P L
IIE Transactions v30n11 PP: 1049-1055 Nov 1998
ISSN: 0740-817X   JRNL CODE: AIE

Optimal policy for a periodic review returnable inventory   system

...DESCRIPTORS: **Inventory   management**

ABSTRACT: A paper considers the **inventory   control** problem in a periodic review returnable system. In a returnable system, containers are returned by consumers to the manufacturer for **reuse** . It views the returns in a given period to be stochastic function of the number of containers out **in** the **field** . Using dynamic programming, it derives the optimal **inventory control** policy for the system.

19/3,K/9   (Item 9 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

01692856 03-43846
The performance paradox
Cohen, Harlow B
Academy of Management Executive v12n3 PP: 30-40 Aug 1998
ISSN: 1079-5545   JRNL CODE: AEX
WORD COUNT: 7749

...TEXT: For example, confronted by the need to reduce inventory, many managers will recommend a new **inventory system** , an upgrade to the existing MRP system, or the like. Unfortunately, when the single strategy ...operation. The belief was that little or nothing could be done to eliminate scrap without **replacing** the old furnaces in heat treat with new and very expensive ones. As the project...

...the team learned that operations gave insufficient notice to production planning. To compensate for the **short** lead times, production planning increased the lot size to meet monthly production requirements. Valve stems ...

...added weight of the larger lots as they went through the furnaces. This practice caused **excess** scrap. Once this insight revealed itself and the prior assumption was discarded, scrap at the...

19/3,K/10   (Item 10 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01617059 02-68048
Stop whining, start learning
Frasco, Marianne
Brandweek v39n14 PP: 20 Apr 6, 1998
ISSN: 1064-4318 JRNL CODE: IADW
WORD COUNT: 667

...TEXT: on the account's market penetration.

Third, get dirty. Manufacturers are long on data but **short** on evaluation. To put co-marketing in a totalbrand context, there's no **substitute** for digging through the details, store by store. Total up the results of comarketing programs...

...country on a per-store basis. Then check warehouse shipments, scanner sales and out-of- **stock reports** to see the promotion's longer-term impact on the brand, category and store. Did you spur volume, but create **excess** inventory backlogs? Did you leave holes in the shelf by underestimating demand? By factoring in...

19/3,K/11   (Item 11 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

01130686 97-80080
Enterprising tools look beyond GUI
Hanna, Mary
Software Magazine v15n13 PP: 49-59 Dec 1995
ISSN: 0897-8085 JRNL CODE: SMG
WORD COUNT: 2179

...TEXT: said REI has more than 300 stores, each with a customer service desk that handles **inventory management** , sales history, and manufacturer and product data.

Performance problems recently drove REI to revamp its...lose the satisfaction of our customers," he said.

For clothing manufacturer Lee Company, Merriam, Kansas, **reuse** was a
determining factor in its development tool selection, said Systems Analyst
Jeff Unger. The...

...a new application for account executives. "The new application has to
support the account executive **in** the **field** who is managing inventory
and sales at the retail store

 19/3,K/12   (Item 12 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00857063 95-06455
System framework for process flow industries
Bolander, Steven F; Taylor, Sam G
Production & Inventory Management Journal v34n4 PP: 12-17 Fourth Quarter
1993
ISSN: 0897-8336 JRNL CODE: PIM
WORD COUNT: 3174

...TEXT: and labor considerations.

In some commodity industries, products may be exchanged (chemical industry
terminology) or **swapped** (primary metals terminology). Exchange or
swapping agreements between two producers provide for exchanging product at
...

...term supply contracts for critical raw materials are negotiated and
supply strategies formulated. Finally, capacity **shortage** or **excess**
strategies are formulated to handle different demand conditions.

Plant and process-train plans disaggregate division...1981.
2. --and S. C. Taylor. "Process Flow Scheduling: Mixed Flow Scheduling
Cases." Production and **Inventory Management** Journal 31, no. 4 (1990):
1-4,

3. Foley, M. J. "Post-MRP II: What...

...S. F. Bolander. "Process Flow Scheduling in a High Volume Repetitive
Manufacturing Environment." Production and **Inventory Management**
Journal, 33, no. 4 (1992): 21-26.

6. Taylor, S. G., S. M. Seward, S...

...and R. C. Heard. "Process Industry Production and Inventory Planning
Framework: A Summary." Production and **Inventory Management** 22, no. 1
(1981): 15-33.

7. --, S. M. Seward, and S. F. Bolander. "Why the Process Industries are
Different." Production and **Inventory Management** . 22, no. 4 (1981):
9-24.

8. --and S. F. Bolander. "Process Flow Scheduling: Basic Cases." Production
and **Inventory Management** Journal 31, no. 3
9. --and S. F. Bolander. "Process Flow Scheduling Principles." Production
and **Inventory Management** Journal 32, no. 1 (1991): 67-71.

10. Umble, M. M. and M. L. Srikanth...International, he was in charge of
the design and development of a computer-based production/ **inventory**

control   system . His research interests are in planning and scheduling systems for process industry firms. Steve is...

   19/3,K/13   (Item 13 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00741398 93-90619
Environmentally conscious product design through total quality management
Paton, Bruce
Total Quality Environmental Management v2n4 PP: 383-396 Summer 1993
ISSN: 1055-7571 JRNL CODE: TQE
WORD COUNT: 4726

...TEXT: avoid adverse environmental and cost effects, all products should be designed with materials that permit **reuse** or recycling. Currently, circuit boards for many products can be reused **in** the **service** and repair channels. However, plastic enclosures and many other parts may be difficult or expensive...

...Three processes are particularly important to consider in design-for-environment systems: packaging, forecasting and **inventory management** , and distribution.

Packaging is the most visible design-for-environment issue in most parts of ...

...designs that use less material, improved materials, and that are engineered for reuse or recycling.

Inventory   management has become an important manufacturing strategy in recent years. Companies have worked very hard to improve their forecasting systems to minimize the volume of unsold products. However, **inventory management** remains a huge source of unnecessary costs to many firms. At the same time, it...

   19/3,K/14   (Item 14 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)

00703132 93-52353
A simple model of Irving Fisher's price-level stabilization rule
Humphrey, Thomas M
Economic Review (Federal Reserve Bank of Richmond) v78n6 PP: 12-18 Nov/Dec 1992
ISSN: 0094-6893 JRNL CODE: ERR
WORD COUNT: 5379

...TEXT: with bank reserves as prescribed in his book, there can be no slippage in money- **stock   control** to disqualify money as the policy instrument. For that matter, little slippage would occur in...a proportional feedback rule.

NOTES

(1) This equation admits of a straightforward derivation. Define an **excess** supply of money x as he surplus of money m over the demand for it kpq, or $x = m - kpq$. Assume this **excess** money supply spills over into the

commodity market to underwrite an **excess** demand for goods g. In **short** ,
x = g. The **excess** demand for goods in turn puts upward pressure on
prices, which rise in proportion to the **excess** demand, or (equation
omitted) , where alpha is the factor of proportionality. **Substitution** of
x for g and m - kpq for x yields the equation of the text...

 19/3,K/15   (Item 15 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00638124 92-53064
The Dumbest Marketing Ploy
Sellers, Patricia
Fortune v126n7 PP: 88-94 Oct 5, 1992
ISSN: 0015-8259 JRNL CODE: FOR
WORD COUNT: 2941

...DESCRIPTORS: **Inventory   management** ;
...TEXT: now is public traded, management in January gave up an illogical
way of selling batteries. **Short** -term promotions 32 weeks of the year
produced some 90% of company volume. So making...

...peak-and-valley pattern that had little to do with consumer demand.
Since Duracell has **switched** off the temporary deals and discounts,
retailers have been robbed of a reason to **overstock** . To get them to keep
pushing the batteries, Charles Kiernan, president of the U.S...

 19/3,K/16   (Item 16 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2007 ProQuest Info&Learning. All rts. reserv.

00637329 92-52269
Activity-Based Systems: Measuring the Costs of Resource Usage
Cooper, Robin; Kaplan, Robert S.
Accounting Horizons v6n3 PP: 1-13 Sep 1992
ISSN: 0888-7993 JRNL CODE: ACH
WORD COUNT: 7831

...DESCRIPTORS: **Inventory   management** ;
...TEXT: forecasted product volume and mix, and existing production
processes. For resources forecasted to be in **short** supply, the analysis
provides a justification for additional spending to increase resource
availability. For a resource forecasted to be in **excess** of predicted
demands, managers can be requested to reduce the availability and hence the
expenses...

...They can reduce the unused capacity by selling or scrapping machinery
without replacement, by not **replacing** employees who retire or leave the
organization voluntarily, by redeploying employees from activities where
they...

 19/3,K/17   (Item 1 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2007 Business Wire. All rts. reserv.

00416330 20001127332B4224 (USE FORMAT 7 FOR FULLTEXT)
Arrow   Electronics   Successfully   Completes   Integration   of   Wyle

Electronics-Industry's Largest Systems Integration To Date
Business Wire
Monday, November 27, 2000   16:08 EST
JOURNAL CODE: BUSINESS WIRE, COMTEX   LANGUAGE: ENGLISH   RECORD TYPE:
  FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 677

TEXT:
...s prior statements, combining Wyle Components and
Wyle Systems into Arrow should yield savings in **excess** of $80 million
annually.
"We began working on the integration of Wyle only 16 weeks ago, and our
ability to completely merge a $2+ billion company in this **short** time
frame is
a tribute to the remarkable skill, tenacity, and energy of the over...

...facilities,
and 1,100 employees. Even more impressive is that our MIS conversion team
was
 converting and integrating four separate Wyle computer systems to Arrow's
MIS
platform, including 222,000 Wyle **inventory   records** , 75,000 open
customer
orders, 24,089 open purchase orders, nearly 50,000 design-win...

 19/3,K/18   (Item 2 from file: 610)
DIALOG(R)File 610:Business Wire
(c) 2007 Business Wire. All rts. reserv.

00404115 20001108313B1635   (USE FORMAT 7 FOR FULLTEXT)
**IBM and Dassault Systemes Deliver CATIA Version 5 Release 5; New Release of
the World's Leading CAD/CAM/CAE System Features 10 New Products**
Business Wire
Wednesday, November 8, 2000   02:07 EST
JOURNAL CODE: BW   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
DOCUMENT TYPE: NEWSWIRE
WORD COUNT: 979

TEXT:
...of CATIA V5 applications in such domains
as mechanical design, shape design and styling, analysis, **equipment** and
system
engineering, NC manufacturing and product synthesis. With these additions,
CATIA V5 covers all stages of...

...digital enterprise,
thus creating and simulating the entire product lifecycle from initial
concept
to product **in   service** . CATIA, DELMIA and ENOVIA solutions support
industry-specific business processes to help unleash creativity and...

...digital product,
processes and resources. The combined integration creates the Digital
Product
lifecycle Pipeline, supporting **reuse** of corporate knowledge. SolidWorks
and
Smart Solutions, as Dassault Systemes companies, offer respectively 3D
design...

19/3,K/19   (Item 1 from file: 813)
DIALOG(R)File 813:PR Newswire
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0497816
FEDERAL SIGNAL ANNOUNCES 9 PCT INCREASE IN 1992 2ND QUARTER NET INCOME

DATE: July 16, 1992   10:41 EDT   WORD COUNT: 946

...s
results. This was largely due to Superior's reduced profitability
resulting from the anticipated **short** -term effects of the Canadian
recession. Also, Ravo, which was acquired at the end of 1990, had a
large, **excessive** backlog at that time which was **converted** to sales in
the first three quarters, and especially the second quarter, of 1991.
This...

...Emergency One and Superior), ambulances
(Frontline), street sweeping vehicles (Elgin Sweeper and Ravo
International), parking **control** **equipment** (Federal APD), custom on-
premise signage (Federal Sign), carbide cutting tools (Manchester Tool
and Bassett...

Set   Items   Description
S1   2424936   SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
                OR UNDERSTOCK OR UNDER()STOCK
S2   107266   RE()USE OR REUSE OR USE()AGAIN
S3   25493384   CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4   4067647   CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
                CH???
S5   970608   EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6   878990   IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7   570616   (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                TRACK?)
S8   26487   S1(S)S5
S9   2697   S2(2S)S6
S10   1314   S8(S)S4
S11   29   S7(4S)S9
S12   26   S7(4S)S10
S13   55   S11 OR S12
S14   33   S13 NOT PY>2001
S15   27   RD (unique items)
File   9:Business & Industry(R) Jul/1994-2007/Apr 03
        (c) 2007 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2007/Apr 03
        (c) 2007 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2007/Apr 03
        (c) 2007 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2007/Apr 03
        (c) 2007 The Gale Group
File 16:Gale Group PROMT(R) 1990-2007/Apr 03
        (c) 2007 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
        (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2007/Mar 26
        (c)2007 The Gale Group

15/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2007 The Gale Group. All rts. reserv.

01642959 Supplier Number: 24379109
Waste not
**(CoverTronic sets up UK office to process recycling of used electronic
   equipment)**
Electronics Times (Online) , n 916, p 4
September 07, 1998
DOCUMENT TYPE: Journal ISSN: 0142-3118   (United Kingdom)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 97

TEXT:
...life electronic equipment.

Based in Glasgow, CoverTronic UK will be serving the British market for
inventory   management in all areas of electronics waste, including the
recovery, **reuse** and recycling of PCBs.

Douglas Norris, marketing manager for CoverTronic UK, believes the UK
electronics...

...the impending waste legislation. He says CoverTronic aims to become one
of the leading companies **in** the **field** of electronic components
recovery, **reuse** and remarketing as well as electronics recycling.

15/3,K/2   (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

02500518   SUPPLIER NUMBER: 74225335   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Find The Right Tool -- Not just any collaborative software will work for
   you.(Industry Trend or Event)**
(agilbert@cmp.com), Alorie Gilbert
InformationWeek, 74
May 7, 2001
ISSN: 8750-6874   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1029   LINE COUNT: 00093

...   change the way you do some processes."
     Another frontier of manufacturing collaboration is supply-chain
management and **inventory   control** . Tools from Adexa, J.D. Edwards, i2
Technologies, Logility, Manugistics, Oracle, SAP, SynQuest, SeeCommerce,
Viewlocity, and WebPlan let manufacturers create and share demand forecasts
and production plans with suppliers, **monitor   inventory** and supplier
performance, and track and resolve glitches in their plans, such as a late
...

...Niku, Novient, Opus 360, PeopleSoft, and Portera are providing new
levels of collaboration and communication **in   service** industries,
particularly IT services. These tools let companies track skills,
experience, and availability of consultants...

...plans and proposals for new business. The benefits include creation of
more-efficient work teams, **reuse** of existing intellectual capital, and
more profitable projects.
     Peer-to-peer technology is evolving a...

15/3,K/3   (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2007 The Gale Group. All rts. reserv.

02715577   Supplier Number: 66691911 (USE FORMAT 007 FOR FULLTEXT)
**IBM and Dassault Systemes Deliver CATIA Version 5 Release 5; New Release of
  the World's Leading CAD/CAM/CAE System Features 10 New Products.**
Business Wire, p2692
Nov 8, 2000
Language: English   Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 926

...   of CATIA V5 applications in such domains as mechanical design,
shape design and styling, analysis, **equipment** and **system** engineering,
NC manufacturing and product synthesis. With these additions, CATIA V5
covers all stages of...

...from the many advantages of CATIA V5, including ease-of-use,
flexibility, scalability, capture and **reuse** of knowledge, improvement of
cycle times, reduction of costs, and increase in competitiveness. Said Ed
...

15/3,K/4   (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

04663478   Supplier Number: 62237821 (USE FORMAT 7 FOR FULLTEXT)
WASTE ELECTRICAL EQUIPMENT: INDUSTRY PREPARED TO ORGANISE VOLUNTARY SCHEME.
European Report, pNA
May 20, 2000
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1149

   (USE FORMAT 7 FOR FULLTEXT)
TEXT:
...covers incentives to reduce the number of waste electrical and
electronic appliances and promote the **re - use** and recycling of waste
along with reducing the environmental impact of waste treatment and
harmonising...information technology equipment, telecom equipment, radios,
televisions and videos, sound systems, musical instruments, lighting,
medical **equipment** , **monitors** and surveillance equipment, toys, electric
and electronic tools and vending machines. The Directive will also...for
enhancing recycling - in terms of product design (promoting products
designed for easy repair, upgrading, **re - use** , dismantling and recycling)
- and ensuring manufacturers abide by common standards for coding parts and
material...to take action to address environmental concerns and that
European companies are leading the world **in** this **field** with the EU SAVE
energy efficiency programme, for example. Their press release pointed out,
however...

15/3,K/5   (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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04609987   Supplier Number: 60585350   (USE FORMAT 7 FOR FULLTEXT)
Don't Sidestep Sprayer Cleanup.
Ritchie, James
Soybean Digest, pNA
March 31, 2000
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 622

...   rapid corrosion."
     Most custom applicators have secondary containment and a concrete
apron where they clean **equipment** , **reports** Terry Knipmeyer, with Riggins
Co., a spray equipment dealer in Marshall, MO. "They catch the rinsate and
reuse it the next time they're mixing chemicals for that same crop. Not
all farmers...50 or 100 gallons of fresh water. When you're finished
spraying, flush the sprayer **in** the **field** and spray the rinsate on the
crop you have been spraying, says Casady.
     "Even if...

 15/3,K/6   (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

03743453   Supplier Number: 48095377   (USE FORMAT 7 FOR FULLTEXT)
MARETS:Opportunities Exist in The Netherlands
Waste Treatment Technology News, v13, n12, pN/A
Nov 1, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 546

...   for countries in Eastern and Western Europe. Germany is the major
foreign supplier of waste **management   equipment** on the Dutch market with
a 60% share.
     In The Netherlands, municipalities collect about 70...

...Ferris Industries (BFI) with annual revenues of approximately US$265
million. BFI is a leader **in** the **field** of waste separation and
recycling. The second largest company in the Dutch market is Waste...

...The present policy of the Dutch government is to enforce stricter
regulations on waste and **reuse** of waste. A major part of the investments
has been made to meet environmental norms...

 15/3,K/7   (Item 4 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2007 The Gale Group. All rts. reserv.

03742913   Supplier Number: 48094706   (USE FORMAT 7 FOR FULLTEXT)
WASTE MANAGEMENT:Opportunities Exist in the Netherlands
Industries In Transition, v25, n7, pN/A
Nov 1, 1997
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 540

...   for countries in Eastern and Western Europe. Germany is the major
foreign supplier of waste **management   equipment** on the Dutch market with

a 60% share.
     In The Netherlands, municipalities collect about 70...

...Ferris Industries (BFI) with annual revenues of approximately US$265
million. BFI is a leader .in the **field** of waste separation and
recycling. The second largest company in the Dutch market is Waste...

...The present policy of the Dutch government is to enforce stricter
regulations on waste and **reuse** of waste. A major part of the investments
has been made to meet environmental norms...

 15/3,K/8   (Item 5 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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02141709   Supplier Number: 44001366   (USE FORMAT 7 FOR FULLTEXT)
Radiation
Louisiana Industry Environmental Advisor, v8, n9, pN/A
August, 1993
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1640

...   the potential radiological hazards that could be present. The rules
also require periodic calibration of **monitoring   equipment** , evaluation
of personal dosimeters and precautions against deceptive exposures of
individual monitoring devices. Individual devices locked when access is not
required. Other control measures may be **substituted** with division
approval, and are not necessary in areas so designated only because of the
short -term (no more than three days) presence of materials packaged and
labeled for transportation, which do not exceed a dose rate in **excess** of
0.1 mSv(0.01 rem) per hour. Access to very high radiation areas...

 15/3,K/9   (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
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01344445   . Supplier Number: 41611123   (USE FORMAT 7 FOR FULLTEXT)
SONET: AT&T NETWORK SYSTEMS INTROS IT'S NEXT GENERATION
EDGE, on & about AT&T, v5, n116, pN/A
Oct 15, 1990
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 320

...   Unit on the 5ESSR-2000 Switch module, it will offer increased
services, and cost effective **inventory   management** made possible by the
reuse of channel shelves.
     The features of the SLC-2000 Access System reflect the expressed needs
...

...of the company's Service Net-2000 architecture. Among these features
are:
     - Downloadable software allowing **in** - **service** upgrades and
eliminating downtime;
     - An increase in capacity from 192 to 768 lines. Also, it...

15/3,K/10   (Item 1 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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04343262   Supplier Number: 46369813
Sidel - Company Report
Investext, p1-20
May 7, 1996
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...s US operations depends partly on Coca-Cola and PepsiCo's decision on
whether to **convert** from aluminum cans to 12oz PET bottles. They are
confronted with the problem of carbonation retention, which results in too
short a shelf life. In Europe, PET price hikes led beverage producers to
refrain from **converting** to PET. The **excess** PET demand to supply of
approx. 100,000 tonnes should be eliminated through new capacity...

...materials to PET, the long term global PET packaging trend remains
positive.x0D Tables in **report** : **Stock** Price And Earnings Data 1995-98;
Historical Valuations 1993-95; Determination Of Dividend 1996-2005...

15/3,K/11   (Item 2 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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02281559   Supplier Number: 42983005   (USE FORMAT 7 FOR FULLTEXT)
Slight gains seen for centers: Industry is in transition: Sharkey
American Metal Market, p1
May 11, 1992
Language: English   Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; Trade
Word Count: 500

...   which also destabilize a market and attract talented people to the
steel industry," Sharkey said.
     Excess capacity plagues the market in the **short** term as new,
more-efficient technology **replaces** older equipment, but that will
eventually clear itself up, he said.
     "There will be more...

...get, Sharkey said, as the investment threshold to restart an operation
will become too high.
     Inventory management has become more sophisticated, with less
material purchased for inventory and more for specific customers...

15/3,K/12   (Item 3 from file: 16)
DIALOG(R)File   16:Gale Group PROMT(R)
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02235892   Supplier Number: 42917130
General Re - Company Report
Investext, p1-3
April 15, 1992
Language: English   Record Type: Abstract
Document Type: Magazine/Journal; Trade

ABSTRACT:
...Almost all of General Re's treaty business, especially casualty lines,
is written on an **excess** of loss (nonproportional) basis. General Re also
underwrites a substantial facultative account. Typically, these are...

...this business is expected to fluctuate between 40% and 60% of total
premiums over the **short** term, falling toward 40% as the industry downturn
reaches a bottom in 1992/93. General Re began developing an interest rate
swaps operation late in 1990, recording a profit in November 1991. The
company has chosen to...

...The effect of this change will be to eliminate fresh start tax benefits.
Tables in **report** : **Stock** Price, Earnings Data & Rating 1991-93; Earnings
Model By Division 1989-94
The INVESTEXT database...

15/3,K/13   (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

0019868685   SUPPLIER NUMBER: 78789533   (USE FORMAT 7 OR 9 FOR FULL
TEXT)
Virtual Partnering For Transactional and Relational Competitive Advantage.
Fitzpatrick, William M.; Burke, Donald R.
Global Competitiveness, 8, 1, 1
Annual, 2000
ISSN: 1071-0736   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 7754   LINE COUNT: 00711

...   this task by (1) providing manufacturing firms with marketing data
as well as information on **inventory   control** , production planning,
capital investment and raw material supplies; and (2) developing channels
of distribution, warehouse...

15/3,K/14   (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

11582645   SUPPLIER NUMBER: 54955831   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Optimal policy for a periodic review returnable inventory system.
Buchanan, D.J.; Abad, P.L.
IIE Transactions, 30, 11, 1049(7)
Nov, 1998
ISSN: 0740-817X   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3438   LINE COUNT: 00282

...AUTHOR ABSTRACT: in a given period to be a stochastic function of the
number of containers out **in** the **field** . Using dynamic programming, we
derive the optimal **inventory   control** policy for the system.
...   two state variables in the model: Inventory of consumable units and
the number of units **in** the **field** . Returns in a given period is assumed
to be a random fraction of the number of units **in** the **field** . The
planning horizon is assumed to be finite. We derive the structure of the
optimal...

15/3,K/15   (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

11049195   SUPPLIER NUMBER: 54658465   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Correspondence lesson 3: process controls.
Rosenberg, Paul
EC&M Electrical Construction & Maintenance, 98, 4, 45(4)
April, 1999
ISSN: 0013-4260   LANGUAGE: English   RECORD TYPE: Fulltext; Abstract
WORD COUNT: 2299   LINE COUNT: 00187

...ABSTRACT: Motion control systems dictates the motion of the items being
manufactured or modified while limit **switches** are devices that open or
close when an item reaches its preset location. Moreover, symbols represent
the **switch** in four different states. Finally, solid-state equipment
prevent **excessive** current conditions from happing even during a **short**
circuit.

15/3,K/16   (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

10033940   SUPPLIER NUMBER: 20328508   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Levi Strauss shrinks to fit U.S. market. (downsizing)
Hill, Suzette
Apparel Industry Magazine, v59, n1, p32(7)
Jan, 1998
ISSN: 0192-1878   LANGUAGE: English   RECORD TYPE: Fulltext
WORD COUNT: 6062   LINE COUNT: 00486

...   denim mills. However, heavyweight denim mills report they're
getting back in shape. Swift Denim **reported   inventory** back at normal
levels. Predicted fiscal 1998's total sales would top 1997's. Textile...
outerwear with jeans to keep consumers' attention....Levi's struggling with
supply and demand and **excess** inventory, called slow to respond to
prevailing fashion trends - pushed wide-leg jeans, but didn...

...piece-dyed business. Jeans business reported up as wide legs mean young
men have to **replace** all their old jeans. Lucky Brand emerges as a top
seller....October 7....At Bobbin...

15/3,K/17   (Item 5 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

07195784   SUPPLIER NUMBER: 15150680   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Hall-of-Fame drafts eight. (winners in Purchasing's second annual Cost
   Savers Hall-of-Fame contest)**
Purchasing, v116, n1, p25(4)
Jan 13, 1994
ISSN: 0033-4448   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1845   LINE COUNT: 00152

...   JIT-type or flow-based manufacturing system. "Inventory of each
size wasn't practical; in **short** , it was a planning nightmare," Hebeisen
says. "Stockouts in narrow coils caused **substitution** of wider coils,
resulting in **excessive** scrap and subsequent shortages of wider coils."
      To solve the problem, Hebeisen did some research...

15/3,K/18   (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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06506812   SUPPLIER NUMBER: 14322057   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The evolution of the "Investment System": Keynes' theory of employment and
  money revisited.
McDermott, Karl A.
Review of Social Economy, v51, n1, p62(24)
Spring, 1993
ISSN: 0034-6764   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 9827   LINE COUNT: 00772

...   been able to coordinate the long-term needs and capabilities of the
economic system and **substitute** for these mechanisms a system that allowed
for greater instability. As Keynes described this problem...

15/3,K/19   (Item 7 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05858893   SUPPLIER NUMBER: 12232151   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Slight gains seen for centers; industry is in transition: Sharkey. (Andrew
  G. Sharkey of the Steel Service Center Institute)
Viani, Laura
American Metal Market, v100, n91, p1(2)
May 11, 1992
ISSN: 0002-9998   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 533   LINE COUNT: 00042

...   get, Sharkey said, as the investment threshold to restart an
operation will become too high.
        Inventory   management has become more sophisticated, with·less
material purchased for inventory and more for specific customers...

15/3,K/20   (Item 8 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05433387   SUPPLIER NUMBER: 11100858   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Motor control - electromechanical. (The 1991 Plant Engineering
  Encyclopedia)
Plant Engineering, v45, n14, p30(6)
July 18, 1991
ISSN: 0032-082X   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 2092   LINE COUNT: 00173

...   a liquid state at a specific recurring point. Used in thermal
overload devices. Full-voltage **control** -Connects **equipment** directly to
the ...Manual controller-An electric controller with devices that function
by mechanical means, usually manually. Master **switch** -A **switch** operating
contactors, relays, or other remotely controlled electrical devices. Motor
circuit **switch** -Motor branch circuit **switch** which is horsepower-rated
and is capable of interrupting motor overload current. NEMA size-Electric
...

...Non-reversing-Operation in one direction only. Overload relay-Running

overcurrent protection that operates when **excessive** current is drawn, but
not necessarily protection for **short** circuit. When device operates,
magnetic controller opens to disconnect load from line. Overload relay
reset...

...Remote control-Controls function initiation or change of electrical
device from some remote point. Selector **switch** -A manually-operated master
switch with a rotating motion. Semi-automatic starter-A starter in which
part of the operations...

...period to perform a function. May be motor driven, solenoid actuated, or
electronic. Transformer, control- **Converts** power voltages for operation of
control devices. Enclosures When selecting control devices, consideration
must be...

...and Dusttight, Indoor-For indoor use, primarily to house pilot devices
such as pushbuttons, selector **switches** , and pilot lights. Oil-resistant
gaskets, no knockouts or unsealed openings. All conduit openings have...

15/3,K/21   (Item 9 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05114762   SUPPLIER NUMBER: 10407334   (USE FORMAT 7 OR 9 FOR FULL TEXT)
"Closed mills" seen as industry goal for the future. (Pulping)
Cox, Jackie
American Papermaker, v54, n1, p45(1)
Jan, 1991
ISSN: 1056-4772   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: ` 767   LINE COUNT: 00062

...   dioxide production is higher than needed as makeup chemicals,"
explained Noreus. "This means that higher **substitution** of chlorine with
chlorine dioxide means a larger **excess** of the byproduct sodium sulfate.
If (the mills can successfully produce) sodium hydroxide and sulfuric acid
from the sodium sulfate..., the severe sodium hydroxide **shortage** cause by
reduced consumption of chlorine will be less serious. The sulfur balance in
the...

15/3,K/22   (Item 10 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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05102855   SUPPLIER NUMBER: 10409709   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Indoor air quality - for architects. (Technics: Indoor Environments)
Levin, Hal; Teichman, Kevin
Progressive Architecture, v72, n3, p52(6)
March, 1991
ISSN: 0033-0752   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 5359   LINE COUNT: 00470

...   relocation. Asbestos or lead abatement projects provide examples of
the types of barriers, temporary ventilation **equipment** , and **management**
strategies that can be employed.
        The Need for Building Ecology
        Most design professionals give little...

15/3,K/23   (Item 11 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04833501   SUPPLIER NUMBER: 09546535   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**SONET: AT & T Network Systems intros it's next generation. (new digital
   loop carrier systems)**
EDGE, on & about AT&T, v5, n116, p9(1)
Oct 15, 1990
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 347   LINE COUNT: 00029

...   the company's Service Net-2000 architecture. Among these features
are:
     o Downloadable software allowing **in - service** upgrades and
eliminating downtime;
     o An increase in capacity from 192 to 768 lines. Also...

15/3,K/24   (Item 12 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04557643   SUPPLIER NUMBER: 08939571   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**HVAC in the '90s. (1990 International Air-Conditioning, Heating,
   Refrigerating Exposition)**
Dzierwa, Richard
Appliance, v47, n4, p37(3)
April, 1990
ISSN: 0003-6781   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 2874   LINE COUNT: 00230

...   developing a new code of practice for the service technicians who
work on our equipment **in** the **field** ," Mr. Honnold explained. "This new
code of practice will cover what we consider to be...

15/3,K/25   (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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02839341   SUPPLIER NUMBER: 04261787   (USE FORMAT 7 OR 9 FOR FULL TEXT)
**Picking among funds now that there's a new one born every day. (Money
   Profile) (column)**
Morgenson, Gretchen
Money, v15, p234(1)
June, 1986
DOCUMENT TYPE: column   ISSN: 0149-4953   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 877   LINE COUNT: 00064

15/3,K/26   (Item 14 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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02170464   SUPPLIER NUMBER: 03523997   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Office automation; productivity through integration.
Forbes, v134, p161(16)
Nov 19, 1984

CODEN: FORBA   ISSN: 0015-6914   LANGUAGE: ENGLISH   RECORD TYPE:
    FULLTEXT
WORD COUNT: 11594   LINE COUNT: 00949

...   library of synthetic phonemes.
     One segment of this industry, voice recognition, is improving
productivity in **inventory   tracking** , manufacturing, robotics, and other
"hands busy" industrial applications.
     In quality assurance operations, speech-synthesis devices...

 15/3,K/27   (Item 15 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2007 The Gale Group. All rts. reserv.

02023049   SUPPLIER NUMBER: 03119613   (USE FORMAT 7 OR 9 FOR FULL TEXT)
How users profit from Dictaphone technology. (advertising supplement)
Modern Office Technology, v29, pS30(4)
Feb, 1984
LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 2186   LINE COUNT: 00175

...   and in cars," says Kathy Cavey, executive secretary.
     Cavey transcribes the dictation on a DCXIII **system** . Dictaphone
equipment has allowed her to use her time more efficiently, too. The
desktop transcriber can tell...

```
Set      Items    Description
S1      980298    SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY
                   OR UNDERSTOCK OR UNDER()STOCK
S2       35793    RE()USE OR REUSE OR USE()AGAIN
S3     6100264    CATEGOR??? OR STATUS OR INSTANCE? ? OR EXAMPLE? ? OR PRODU-
                   CT? ? OR ITEM? ? OR STOCK OR MATERIAL? ? OR EQUIPMENT? ?
S4     1300078    CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-
                   CH???
S5      300382    EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S6      283641    IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S7      100078    (INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ?
                   OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR
                   TRACK?)
S8       14090    S1(2S)S5
S9         365    S2(2S)S6
S10          8    S7 AND S9
S11        880    S8(S)S4
S12         10    S7 AND S11
S13         18    S10 OR S12
S14         17    S13 NOT PY>2001
S15         15    RD   (unique items)
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           (c) 2007 The Thomson Corp
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           (c) 2007 Elsevier Eng.  Info. Inc.
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           (c) 2007 The Thomson Corp
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           (c) 2006 The Thomson Corp
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15/3,K/1   (Item 1 from file: 6)
DIALOG(R)File   6:NTIS
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2168344 NTIS Accession Number: DE99721511/XAB
  **Lietuvos Dujos. Report on project execution and finalisation. Inspection
of pipelines, phase 2**
  Dansk Olie og Naturgas A/S, Hoersholm (Denmark).
  Corp. Source Codes: 888888888
  Report No.: NEI-DK-3299
  31 Jul 1998   25p
  Languages: English
  Journal Announcement: USGRDR0019; NSA0023
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fax at (703)605-6900; and email at orders@ntis.fedworld.gov. NTIS is
located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: PC A03/MF A01

  ...of 28 km of a New Panevezys-Siauliai Pipeline has been focusing on the
possible **reuse** of 28 km of pipes supplied and field welded in 1990, prior
to the independence...

... and the decline of gas consumption immediately after the independence,
these pipes had been left **in** the **field** , in principle unattended and
with incomplete protection against corrosion and other deterioration. Since
Lietuvos Dujos now plans to extend its pipeline system, and in this context
intends to **reuse** the 28 km of pipes, an inspection to establish whether
the pipes seem to be...
  Descriptors: *Pipelines; *Lithuania; Inspection; Welded Joints; Cathodic
Protection; Natural Gas; **Control   Equipment**

  15/3,K/2   (Item 2 from file: 6)
DIALOG(R)File   6:NTIS.
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1897479 NTIS Accession Number: AD-A292 759/8
  **Adopting   the   Prime   Vendor   Program   to Manage Marine Corps Authorized
Medical/Dental Allowance Lists**
  (Master's thesis)
  White, K. L.
  Naval Postgraduate School, Monterey, CA.
  Corp. Source Codes: 019895000; 251450
  Dec 94   98p
  Languages: English   Document Type: Thesis
  Journal Announcement: GRAI9521
  Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
  NTIS Prices: PC A05/MF A02

  The purpose of this thesis is to analyze the ongoing problem of
  replacing   expiring pharmaceutical and medical/surgical items stocked in
Marine Corps Authorized Medical/Dental Allowance Lists...

... Prepositioned War Reserve (PWR), required to be immediately available
for combat support. Due to the **short** shelf-life of these items,
maintaining this PWR creates **excessive** financial losses, costing the

Marine Corps approximately eight million dollars per year. In February 1993, the Department of Defense implemented the Prime Vendor Program to eliminate **excessive** hospital inventories. This form of Just-in-Time **inventory management** improves the quality of health care by eliminating long procurement leadtimes and losses due to...

15/3,K/3   (Item 3 from file: 6)
DIALOG(R)File   6:NTIS
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1835605 NTIS Accession Number: DE94780689
   Taiyoko hatsuden field test jigyo hokokusho. Kenritsu Awaji nogyo gijutsu center ni okeru field test jigyo. (Report On photovoltaic power generation field test operation. Field test operation at Hyogo Prefectural Awaji Agricultural Center)
   Kaihara, T.
   New Energy Development Organization, Tokyo (Japan).
   Corp. Source Codes: 085267000; 9901824
   Report No.: ETDE/JP-MF-94780689
   28 May 93   9p
   Languages: Japanese
   Journal Announcement: GRAI9424; ERA9447
   Japanese.
   Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
   NTIS Prices: PC A02/MF A01

   ... Agricultural Center. The solar cell has a capacity of 25 kW, with its DC power **converted** into 200V AC by an inverter to be used as power for greenhouses in the Center. **Shortage** in power is supplied from the general high-voltage distribution line. The **excess** power is flown back and sold. The polycrystalline silicon module has a conversion rate of...

   ... circuit when an anomaly occurs in the inverter, and a high-voltage system connection protecting **equipment** . The **system** has inaugurated the operation smoothly since the completion in March 1993, and has been collecting...

15/3,K/4   (Item 4 from file: 6)
DIALOG(R)File   6:NTIS
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0817821 NTIS Accession Number: AD-A082 759/2/XAB
   Power Controller 28VDC Load Switching (N.O. SPST)
   (Final rept 31 Aug 77-21 Jan 80)
   McMackin, J. B.
   RCA Government Communications Systems, Camden, NJ.
   Corp. Source Codes: 066067000; 410488
   Sponsor: Naval Air Development Center, Warminster, PA
   Report No.: NADC-76-125-30
   21 Jan 80   16p
   Languages: English
   Journal Announcement: GRAI8015
   Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,

Springfield, VA, 22161, USA.
  NTIS Prices: PC A02/MF A01

  A solid state power controller has been designed in four ratings to
switch 28vDC power to selected loads upon remote command. The four
ratings trip out at currents...
... allows for wide variations in load and supply voltage and will not trip
out on **short** load transients of up to 1000% of rated load current. In
case of failure of the controller circuitry, an internal fuse protects the
load from **excessive** current. The control current which operates the
controller also provides a sensing function so that...
  Descriptors: *Command and control systems; *Switching circuits; *Power
equipment ; *Remote **control** ; Direct current; Power supplies;
Fuses(Electrical); Electric current; Solid state electronics

  15/3,K/5   (Item 5 from file: 6)
DIALOG(R)File   6:NTIS
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0483788 NTIS Accession Number: PB-238 471/7/XAB
  Development of a Monthly Municipal Technology Bulletin
  (Environmental protection technology series)
  Sandoski, D. A.
  Franklin Inst. Research Labs., Philadelphia, Pa.
  Corp. Source Codes: 142925
  Sponsor: Office of Water Research and Technology, Washington, D.C.;
Environmental Protection Agency, Washington, D.C. Controlled and Treatment
Integration Branch.
  Report No.: W75-03051; EPA/600/2-74-005
  May 74   131p
  Document Type: Bibliography
  Journal Announcement: GRAI7507
  Paper copy available from GPO. Order this product from NTIS by: phone at
1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at
(703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at
5285 Port Royal Road, Springfield, VA, 22161, USA.
  NTIS Prices: MF A01

  Municipal Technology Bulletin, has been developed which emphasizes
advancements **in** the **field** of municipal technology as related to water
quality and water pollution control. In surveying the literature the
following subject areas are explored: wastewater treatment; disposal
methods; water reclamation and **reuse** ; water quality requirements;
economics of water pollution **control** ; construction **equipment** and
materials; analytical techniques and instrumentation; storm overflows and
regulation devices; sewer systems; storm water...

  15/3,K/6   (Item 6 from file: 6)
DIALOG(R)File   6:NTIS
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0471981 NTIS Accession Number: ED-089 749/XAB
  Study of Decision Factors in Planning DBPH Audio Services
  Kuipers, J. W. ; Thorpe, R. W.
  Library of Congress, Washington, D.C. Div. for the Blind and Physically
Handicapped.
  31 Jan 74   88p
  Journal Announcement: GRAI7501

QEI, Inc., Bedford, Mass.
   Available from ERIC Document Reproduction Service, P.O. Box 190,
Arlington, Va. 22210, PC$4.20 MF$0.75.
   NTIS Prices: Not available NTIS

   ... decision-making regarding recording media and playback machines. The
principal planning decisions were classified as **system equipment** costs
and product quality factors. Equipment costs included system options as of
1976 as well...

   ... convenience, user acceptance, quality of sound, operational problems or
risks, ease of duplication of media **in** the **field** , storage and shelving
of media for libraries, wearing of media, and the possibility of **reuse** of
media. A decision matrix was formulated which compared five alternative
sound reproduction systems. The...

   15/3,K/7   (Item 7 from file: 6)
DIALOG(R)File   6:NTIS

0274277 NTIS Accession Number: PB-199 709/XAB
   National Symposium on Food Processing Wastes Proceedings (1st), held at
Portland, Oregon on 6-8 April 1970
   (Water pollution control research series)
   Federal Water Quality Administration, Washington, D.C.
   Report No.: W71-08398; FWQA-12060-04/70
   Apr 70   400p
   Document Type: Conference proceeding
   Journal Announcement: GRAI7114
   Paper copy available from GPO $3.00 as I67.13/4:12060-04/70.
   Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.
customers); (703)605-6000 (other countries); fax at (703)321-8547; and
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,
Springfield, VA, 22161, USA.
   NTIS Prices: MF A01

   ... processing waste; Cannery waste treatment by two-stage aeration
process; Lime treatment and in-plant **reuse** of an activated sludge plant
effluent in the citrus processing industry; Seafoods processing; Cannery
waste...
...activated sludge process; Concentration of sugarbeet wastes for economic
treatment with biological systems; Reconditioning and **reuse** of olive
processing brines; Trickling filter treatment of food canning waste water;
Wurdd's task force on agricultural pollution; **In - field** processing of
tomatoes; 'Dry' caustic peeling of vegetables and fruits; Pilot plant
experience of USDA...
   Identifiers: *Water pollution control; *Water pollution **control**
equipment ; Potatoe processing; Beet processing; NTISOWRR

   15/3,K/8   (Item 1 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

08966185   E.I. No: EIP01536781304
   Title: Inventory profile analysis: An aggregation technique for improving
customer service while reducing inventory
   Author: Robison, J.A.
   Corporate Source: Dept. of Business Administration Sonoma State

University, Rohnert Park, CA 94928-3609, United States

   Abstract: To improve customer service levels, management must focus on
the **shortage** stockkeeping units (SKUs) to hide the problems. Unlike
other inventory aggregation techniques, inventory profile analysis (IPA)
aggregates inventory into separate **shortage** and **excess** values. It has
significant benefits compared with the months on hand (MOH) aggregation
technique. In addition, it provides even greater benefits when **replacing**
a cost-based aggregation technique such as inventory turnover. (Edited
abstract) 10 Refs.
   Descriptors: ***Inventory control** ; Customer satisfaction; Production
control; Industrial management; Competition; Marketing; Normal distribution
; Cost benefit analysis

   15/3,K/9   (Item 2 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

08869526   E.I. No: EIP01326608136
   **Title: A study on time series pattern extraction and processing for
competitive intelligence support**
   Author: Yuan, S.-T.; Huang, M.-Z.
   Corporate Source: Information Management Department Fu-Jen University,
Hsin-Chuang, Taipei 24205, Taiwan

   ...Abstract: the company has to continuously monitor its competitors in
order to get enough information and **convert** the information into
competitive knowledge. Although information technology has been used in
many areas and...

...to make good decisions on the stock allocation problem, freeing them
from the dilemma of **over - stock** or **under - stock** with respect to
competitors' stock. Our approach differs from traditional **inventory
management** in the grounds they are based: traditional **inventory
management** is based on the perspective of cash flow while our approach is
based on the...

   15/3,K/10   (Item 3 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)

08857181   E.I. No: EIP01306596707
   Title: An inventory model with dependent product demands and returns
   Author: Kiesmuller, G.P.; Van der Laan, E.A.
   Corporate Source: Department of Decision Sciences Faculty of Business
Administration Erasmus University Rotterdam, NL-3000 DR Rotterdam,
Netherlands

...Abstract: depend explicitly on the demand stream. Further, the model
distinguishes itself from most other research **in** this **field** by
considering leadtimes and a finite planning horizon. We show that
neglecting the dependency between...

...determine the minimal recovery probability or the minimal length of the
planning horizon for which **reuse** is profitable. copy 2001 Elsevier
Science B.V. 7 Refs.
   Descriptors: ***Inventory**   control ; Mathematical models; Markov
processes; Probability

15/3,K/11   (Item 4 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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08303518   E.I. No: EIP99064704706
   Title: Optimal policy for a periodic review returnable inventory
system
   Author: Buchanan, D.J.; Abad, P.L.
   Source: IIE Transactions (Institute of Industrial Engineers) v 30 n 11
1998. p 1049-1055

   Title: Optimal policy for a periodic review returnable inventory
system
   Abstract: In this paper, we consider the **inventory   control** problem in
a periodic review returnable system. In a returnable system, containers are
returned by consumers to the manufacturer for **reuse** . We view the returns
in a given period to be a stochastic function of the number of containers
out **in** the **field** . Using dynamic programming, we derive the optimal
inventory control policy for the system. (Author abstract) 5 Refs.
   Descriptors: ***Inventory   control** ; Mathematical models; Dynamic
programming; Containers; Recycling; Costs; Random processes; Probability
density function

15/3,K/12   (Item 5 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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07139304   E.I. No: EIP95042670607
   **Title: Hybrid mass damper with convertible active and passive modes using
multistage rubber bearing and hydraulic actuator for vibration control of
tall buildings (1st Report, Control scheme considering operational limit of
actuator due to pressure drop in hydraulic system)**
   Author: Kamada, Takayoshi; Fujita, Takafumi; Masaki, Nobuo
   Source: Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan
Society of Mechanical Engineers, Part C v 61 n 581 Jan 1995. p 22-29

   ...Abstract: work against strong winds or earthquakes beyond the capacity

of the actuator, active-passive mode **switching** is carried out due to an
excessive drop in the pressure or **shortage** of the stroke or saturation
of the control force. In this paper mode **switching** due to the pressure
drop is dealt with. The **switching** rules were determined by simulation
using analytical models for the active and passive modes. Furthermore...
   Descriptors: *Vibration control; Damping; Bearings (structural);
Hydraulic **control** **equipment** ; Actuators; Mathematical models; Fuzzy
control; Pressure drop; Pressure effects; Tall buildings

   15/3,K/13   (Item 6 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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05193498   E.I. Monthly No: EI8704036636
   Title: HYBRID CIRCUIT MANUFACTURING UPDATE.
   Author: Walton, J. Page
   Source: Electronic Production (London) v 14 n 7 Jul 1985 4p between p 27
and 33
   Publication Year: 1985
   CODEN: ELPDB4   ISSN: 0306-333X
   Language: ENGLISH

   Abstract: Recent developments **in** the **field** of hybrid manufacturing
are reported. Considered are the materials, surface mounting, epoxy, screen
printing techniques, plasma processing, process **control** , assembly
equipment , hand soldering, repair and **reuse** , and packaging. Various
products are described and a list of their manufacturers is furnished.

   15/3,K/14   (Item 7 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03758744   E.I. Monthly No: EI7811079781   E.I. Yearly No: EI78006266
   **Title: AUTOMATIC AND SEMI AUTOMATIC GEARBOXES FOR HEAVY COMMERCIAL
VEHICLES.**
   Author: Granfield, Charles
   Source: Automotive Engineer (London) v 3 n 3 Jun-Jul 1978 p 37-39
   Publication Year: 1978
   CODEN: EUENDA   ISSN: 0307-6490
   Language: ENGLISH

   ...Abstract: special emphasis on total operating costs, reliability, fuel
economy, reduced driver fatigue and vehicle safety. **Short** haul usage
supported a good case for automatic transmission fitment in respect of
fatigue reduction, safety and improved vehicle utilisation, but some form
of retarder is required to control **excessive** brake loading. It was
generally felt that some form of driver override was necessary. In another
paper, the differential **converter** principle permitting torque **converter**
operation over a wider range at higher efficiency was faovred, especially
when integrated with a hydraulic retarder in the **converter** circuit. An
electric control system offered the optimum facility for engine matching,
driver override for...
   ...Descriptors: Applications; **CONTROL** **EQUIPMENT** , ELECTRIC...

   15/3,K/15   (Item 8 from file: 8)
DIALOG(R)File   8:Ei Compendex(R)
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03399918   E.I. Monthly No: EI7410064556
Title: EXTRUSION COMPOUNDING OF HEAT AND SHEAR SENSITIVE POLYMERS.
Author: Adams, Ronald L.
Corporate Source: Werner & Pfleiderer Corp, Waldwick, NJ
Source: SPE, Annu Tech Conf, 32nd, Pap, v 20, San Francisco, Calif, May
13-16 1974 p 469-471. Available from SPE, Greenwich, Conn, 1974
Publication Year: 1974
Language: ENGLISH

...Abstract: process. The compounds produced by this method have
excellent processing properties and can be readily **converted** into
high-grade cross-linked products by either injection molding or extrusion.
These results are made possible by the three basic processing capabilities
of the two-stage system: **short** and uniform retention time; **control**
over **stock** temperatures substantially below the activation point of the
material to assure the full effect of...

Set	Items	Description
S1	700	(INVENTORY OR STOCK OR EQUIPMENT)(1N)(CENTRAL? OR RECORD? ? OR SYSTEM OR MANAGEMENT OR CONTROL OR MONITOR? OR REPORT? OR TRACK?)
S2	234	RE()USE OR REUSE OR USE()AGAIN
S3	367	IN(1W)(SERVICE OR FIELD) OR INSERVICE OR FIELD()LOCATION? ?
S4	4	S2 AND S3
S5	0	S1 AND S4
S6	743	SHORTAGE OR SHORT OR SHORTFALL OR SHORT()FALL OR DEFICIENCY OR UNDERSTOCK OR UNDER()STOCK
S7	93	EXCESS OR EXCESSIVE OR OVERSTOCK OR OVER()STOCK
S8	4	S6 AND S7
S9	0	S1 AND S8
S10	16	S1 AND (S2 OR S3 OR S6 OR S7)
S11	3023	CONVERT??? OR SUBSTITUT??? OR REPLAC??? OR SWAP??? OR SWIT-CH???
S12	2	S10 AND S11

File 256:TecInfoSource 82-2007/Oct
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12/3,K/1
DIALOG(R)File 256:TecInfoSource
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00155098   DOCUMENT TYPE: Review

PRODUCT NAMES: Bluetooth (841455); Patient Care (830347)

TITLE: Clinical Bluetooth: Collecting and Accessing Patient Data
AUTHOR: Kraemer, James
SOURCE: ECN,   v49 n3   p62(2) Mar 2005
ISSN: 1523-3081
HOMEPAGE: http://www.ecnmag.com

FILE SEGMENT: Review
RECORD TYPE: Product Analysis

REVISION DATE: 20070300

...Among the vaunted features of Bluetooth are its low power consumption
levels, its ability to **replace** cable technology, and its **short** -range
security features. Bluetooth devices are making the remote and wireless
collection of patient data...

...boosting the capabilities of existing equipment through adapters.
Bluetooth is also being expanded into patient **monitoring   equipment** in
both home care and clinical environments. Among the many applications are
blood glucose meters...

12/3,K/2
DIALOG(R)File 256:TecInfoSource
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00153733   DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Corp--Company News (850195)

TITLE: Sitting Pretty: Despite security flaws, Linux threats, and being...
AUTHOR: Foley, John
SOURCE: Information Week,   v999   p20(3) Jul 26, 2004
ISSN: 8750-6874
HOMEPAGE: http://www.informationweek.com

FILE SEGMENT: Review
RECORD TYPE: Company

REVISION DATE: 20070300

...were recently reported and showed Microsoft growing in all markets.
Adjusted earnings were one cent **short** of the expectations of analysts,
but revenue rose 15% for the quarter that ended June...

...server purchases. User Darryl Nitke, CIO of Cosa Instruments, a small
distributor of process and **control   equipment** , recently **replaced** a
multivendor IT infrastructure with Microsoft's software stack. Nitke
comments, jI have everything I...